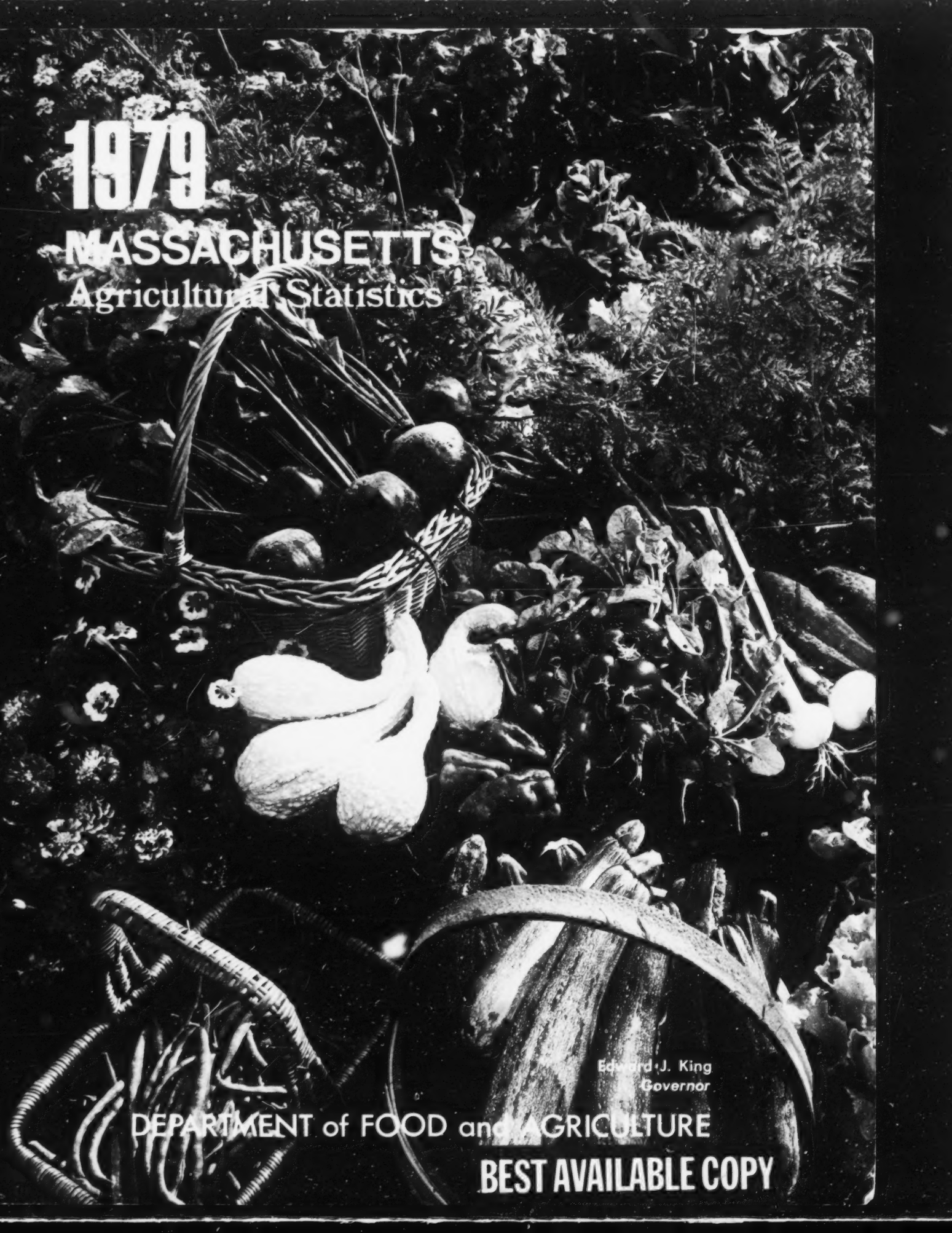




1979

MASSACHUSETTS
Agricultural Statistics

Edward J. King
Governor

DEPARTMENT of FOOD and AGRICULTURE

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FOREWORD

As the 70's come to a close, we are encouraged to note a leveling out in the attrition rate of farm units and a lowering in the average age of farm operators. Generally speaking the last two years have seen increased viability in most commodities. There is a renewed sense of hope that the future will be better than the past for Massachusetts agriculture, and that the post World War II downward trend has finally "bottomed out."

Cash receipts from farm marketings have continued to rise and this year totalled more than 242 million dollars, a 7% increase over the previous 12 months. Receipts were up or held steady in 19 of the 24 major farm categories.

However, not all is positive. We have not kept pace with that now perennial bugaboo - inflation. The cost of farm inputs continue to rise faster than farm receipts and we in Massachusetts continue to produce only a small percent of the agricultural products we consume.

In the next decade we must redouble our efforts to strengthen our local farm economy. Spiraling costs of fuel and labor to import food from across the country dictate that we increase production here, close to the markets.

Bolstering our agricultural output not only creates more on-farm jobs, it also generates thousands of jobs in related food industries, equipment dealerships, supply and other support businesses. It has been estimated that the economic multiplier effects of local agriculture approach a factor of four. Finally, putting more farmland into production keeps open space available for tourism and recreation.

We in the Department of Food and Agriculture look forward to helping build an even stronger agricultural economy in Massachusetts during the 'eighties.' Both urban and rural citizens increasingly show their preference for "Massachusetts grown and fresher products" and we intend to help expand both the supply of and the demand for local commodities.

This report was compiled under the direction of Alvin Potter and Charles Hammond of the New England Crop and Livestock Reporting Service of the U. S. Department of Agriculture. We are indeed grateful for this excellent assistance and cooperation.



Frederic Winthrop, Jr., Commissioner
Department of Food and Agriculture

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CONTENTS

CROPS

1978 Crop Review	3 - 4
Corn	5
Tobacco	5 - 7
Hay.	7 - 9
Potatoes	9 -10
Tomatoes/Sweet Corn	11
Maple Syrup	12
Fruit	
Apples	12
Peaches	12
Cranberries	13
Cut Flowers	14-16

LIVESTOCK

1978 Livestock and Poultry Review	17-18
Cattle and Calves	19-20
Milk Cows	20-21
Milk	21-22
Manufactured Dairy Products	23
Hogs and Pigs	23-24
Sheep and Lambs	25-26
Wool	26
Poultry and Eggs	
Chickens	27
Eggs	27-28
Turkeys	28
Bees and Honey	29
Mink	29

MISCELLANEOUS AGRICULTURAL STATISTICS

Fertilizer Consumption	30
Taxes Levied on Farm Real Estate	30
Number and Size of Farms	30
Farm Production Expenses	31
Index Numbers of Prices Paid by Farmers	32
Index Numbers of Prices Received by Farmers	32

CONTENTS

Massachusetts Apiary Inspection	33
Nursery Industry	33
Number of Fairs and Attendance	33
Reports Published by the New England Crop and Livestock Reporting Service	34
Crop and Livestock Summary.	35
Cash Receipts from Farm Marketings	36

Cover: Courtesy of Seedway Seed Company Inc.

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Art and preparation Work by A. J. Sweeney, State Printing Office Artist.

1978 CROP REVIEW

TOBACCO:

Combined production of both shade and Havana seed tobacco reversed its long-term decline reaching 1.38 million pounds in 1978, 28 percent below the 1977 production. At 1.1 million pounds the shade tobacco crop was 31 percent below 1977 and 1976 levels. Havana seed production fell 12 percent below its 1977 level to total 296,000 pounds.

HAY:

At 262,000 tons, hay production rose above 1977 by 12 percent and 3 percent above the 1976 crop. Acres cut for hay went down and yield per acre rose from 1977. Value of the crop also rose from \$16,077,000 last year to \$19,126,000, a 19 percent increase over last year.

CORN SILAGE:

Record high production of corn silage of 660,000 tons was set in 1978. The new record resulted from a 1/2 ton per acre rise in yields over the 1977 crop.

POTATOES:

Potatoes were harvested from 3,600 acres, 100 acres less than the 1977 level, a decrease of 3 percent. Yields also decreased over the previous year from 240 to 225 cwt. per acre in 1978; consequently, production decreased 9 percent to 810,000 cwt. With the fall in production, prices rose 90 cents to \$6.30 per cwt.; the value of the crop was \$5,203,000, a 36 percent increase from the 1978 level.

CRANBERRIES:

Growers picked 1,180,000 barrels of cranberries during 1978, up 35 percent from the previous year, and 26 percent over the 1976 crop. Yields increased from 78.1 in 1977 to 105.4 barrels per acre in 1978.

APPLES:

Massachusetts orchardists picked and used 2,405,000 42-pound bushels of apples in 1978, 10 percent above the 1977 crop. Price per bushel at \$5.29 caused the value of the 1978 crop to be \$12,726,000, up 9 percent from the previous year's crop value of \$11,684,000.

PEACHES:

Orchardists harvested 73,000 48-pound bushels of peaches in 1978, unchanged from the previous year. Value of the 1978 crop was \$1,015,000, 32 percent above the 1977 crop.

MAPLE SYRUP:

Maple syrup production at 28,000 gallons for 1978 was up 4 percent from 1977. Value per gallon rose \$1.00 so that the growers realized \$426,000 for the crop, an increase of 11 percent over 1977 and the most valuable maple syrup crop on record.

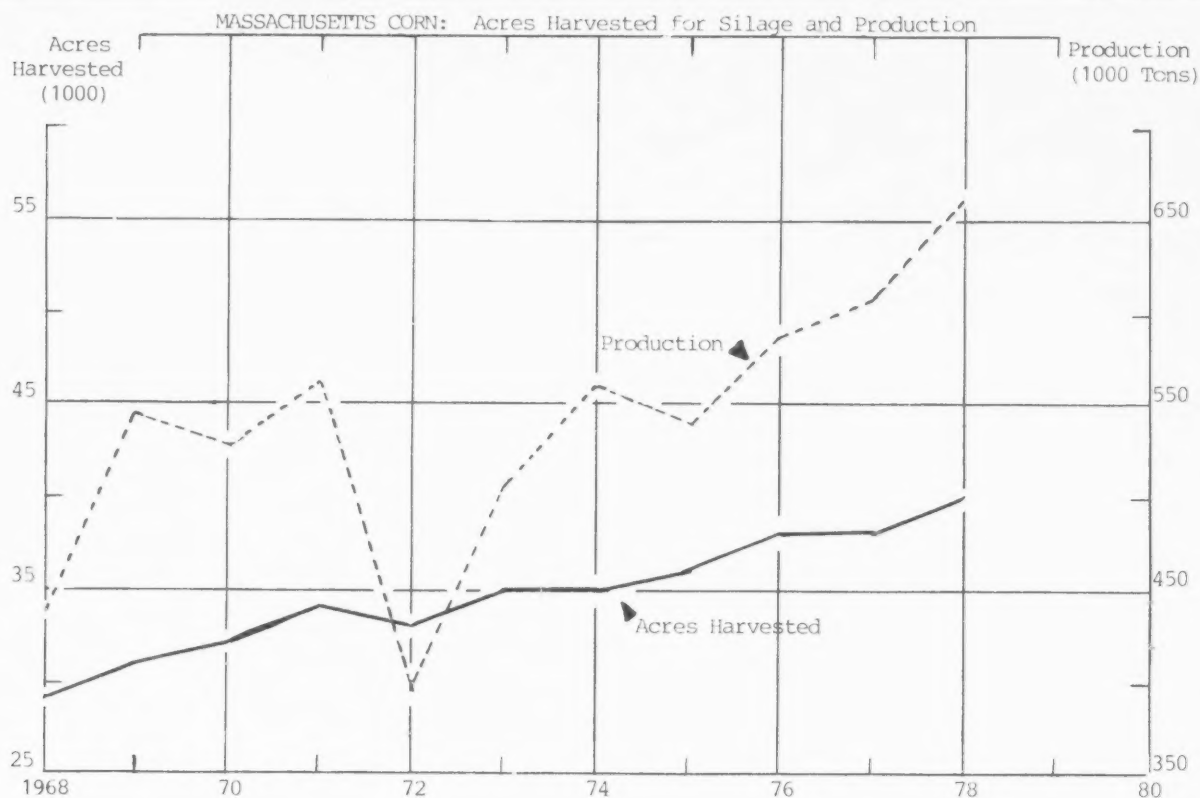
VEGETABLES:

Acreage devoted to commercial production of sweet corn declined 700 acres in 1978 to only 6,500 acres; farmers received \$4,004,000 for their 1978 production.

Tomato acreage and production rose slightly in 1978 to total 670 acres and 141,000 cwt. Price per cwt. at \$21.80 for a total crop value of \$3,074,000 was 21 percent above the 1977 level of \$2,550,000.

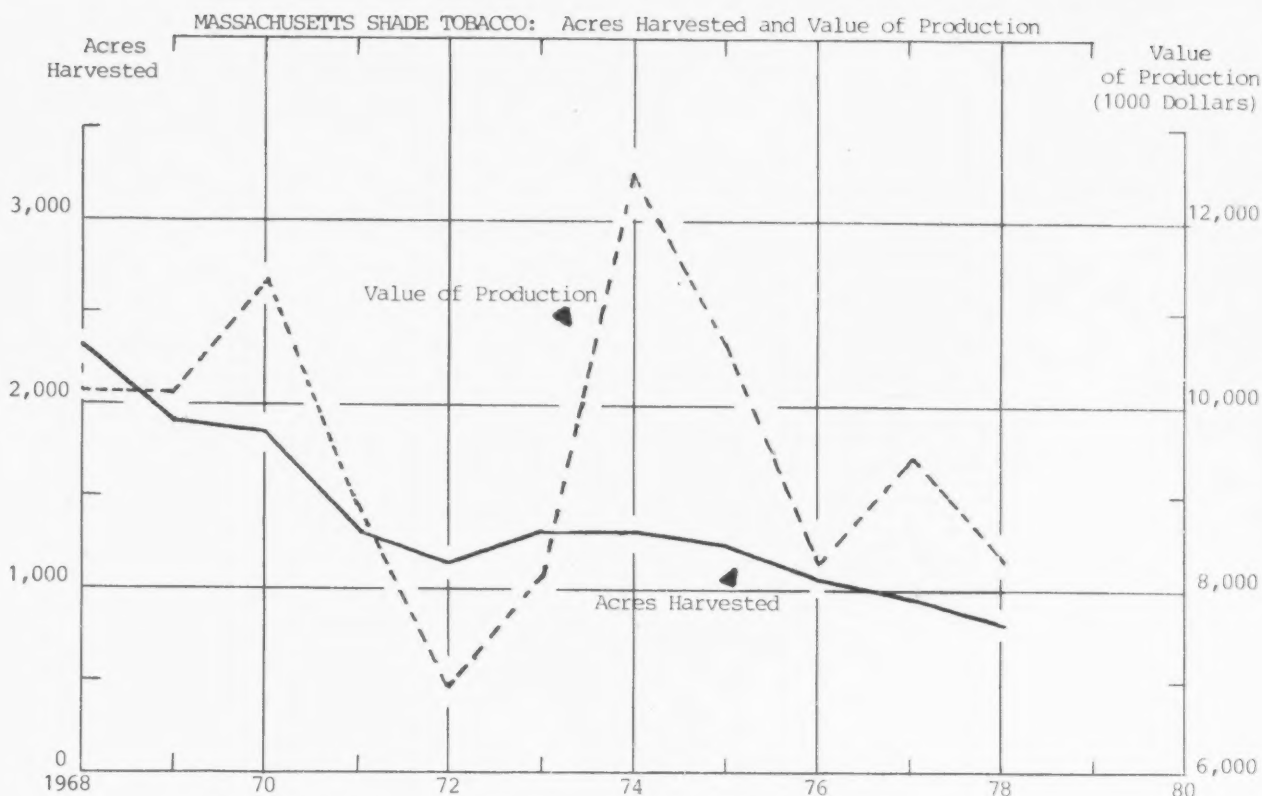
CORN: ACREAGE, YIELD AND PRODUCTION, MASSACHUSETTS, 1969-1978

YEAR	ACREAGE HARVESTED FOR ALL PURPOSES	HARVESTED FOR SILAGE		
		ACRES	PER ACRE	PRODUCTION
	1,000 Acres	1,000 Acres	Tons	1,000 Tons
1969	31	31	17.5	543
1970	32	32	16.5	528
1971	34	34	16.5	561
1972	33	33	12.0	396
1973	35	35	14.5	508
1974	35	35	16.0	560
1975	36	35	15.0	540
1976	38	38	15.5	589
1977	38	38	16.0	608
1978	40	40	16.5	660



TOBACCO, SHADE TYPE: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

YEAR	ACREAGE HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	PRICE PER POUND	VALUE OF PRODUCTION
	Acres	Pounds	1,000 Pounds	Dollars	1,000 Dollars
1969	1,900	1,340	2,546	4.00	10,184
1970	1,850	1,535	2,840	4.00	11,360
1971	1,300	1,725	2,243	4.00	8,972
1972	1,150	1,250	1,438	4.85	6,974
1973	1,300	1,210	1,573	5.15	8,101
1974	1,300	1,610	2,093	6.00	12,558
1975	1,250	1,335	1,669	6.40	10,682
1976	1,050	1,480	1,554	5.40	8,392
1977	980	1,600	1,568	6.00	9,408
1978	860	1,300	1,118	7.50	8,385



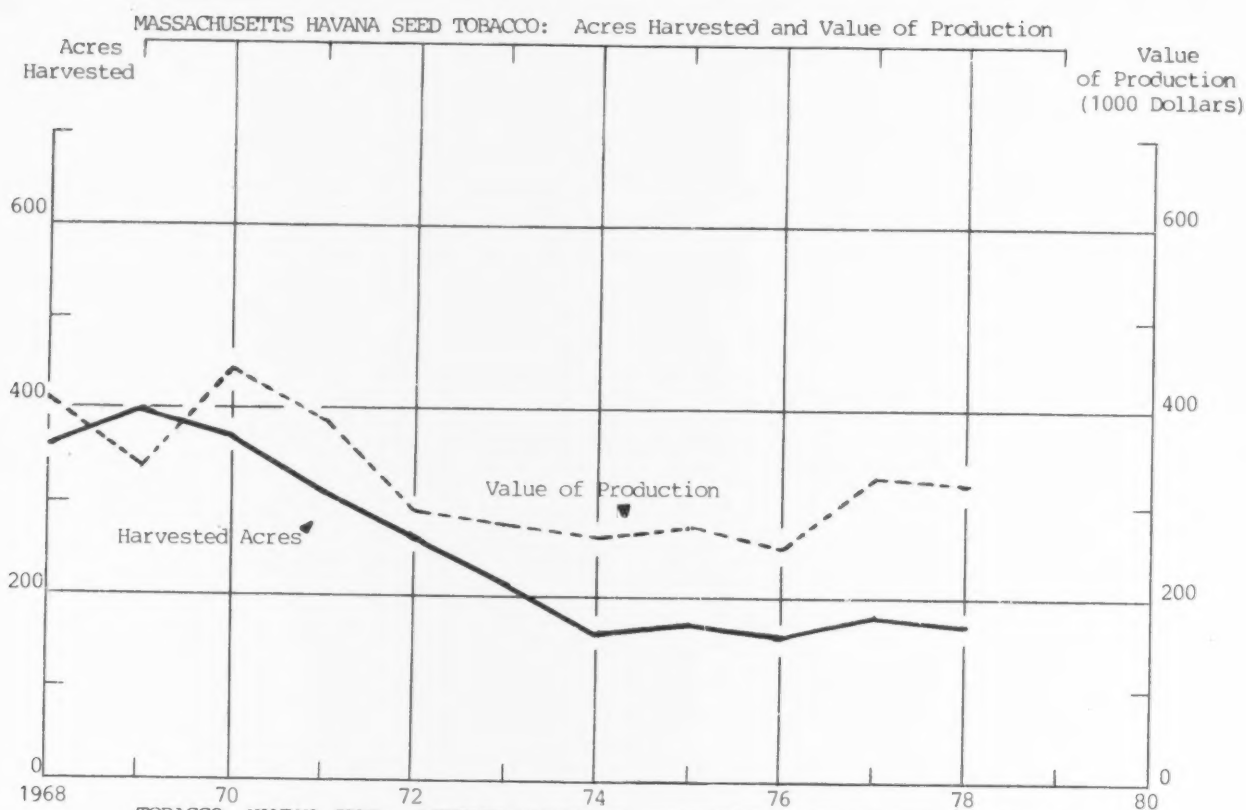
TOBACCO, SHADE TYPE: ACREAGE HARVESTED, BY COUNTY, MASSACHUSETTS, 1969-1978

YEAR	FRANKLIN	HAMPDEN	HAMPSHIRE	STATE
	Acres	Acres	Acres	Acres
1969	575	825	500	1,900
1970	472	860	518	1,850
1971	424	550	326	1,300
1972	465	385	300	1,150
1973	590	370	340	1,300
1974	600	380	320	1,300
1975	620	380	250	1,250
1976	480	300	270	1,050
1977	1/	1/	1/	980
1978	1/	1/	1/	830

1/ County data not published in order to avoid disclosing individual operations.

TOBACCO, HAVANA SEED: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

YEAR	ACREAGE HARVESTED	YIELD PER ACRE	TOTAL PRODUCTION	PRICE PER POUND	VALUE OF PRODUCTION
	Acres	Pounds	1,000 Pounds	Cents	1,000 Dollars
1969	400	1,520	608	56.0	340
1970	370	1,950	722	61.0	440
1971	310	2,050	636	61.0	388
1972	260	1,850	481	62.0	298
1973	210	1,850	389	72.0	280
1974	160	2,040	326	82.0	267
1975	170	1,650	281	98.0	275
1976	160	1,819	291	87.0	253
1977	180	1,880	338	98.0	331
1978	160	1,850	296	110.0	326



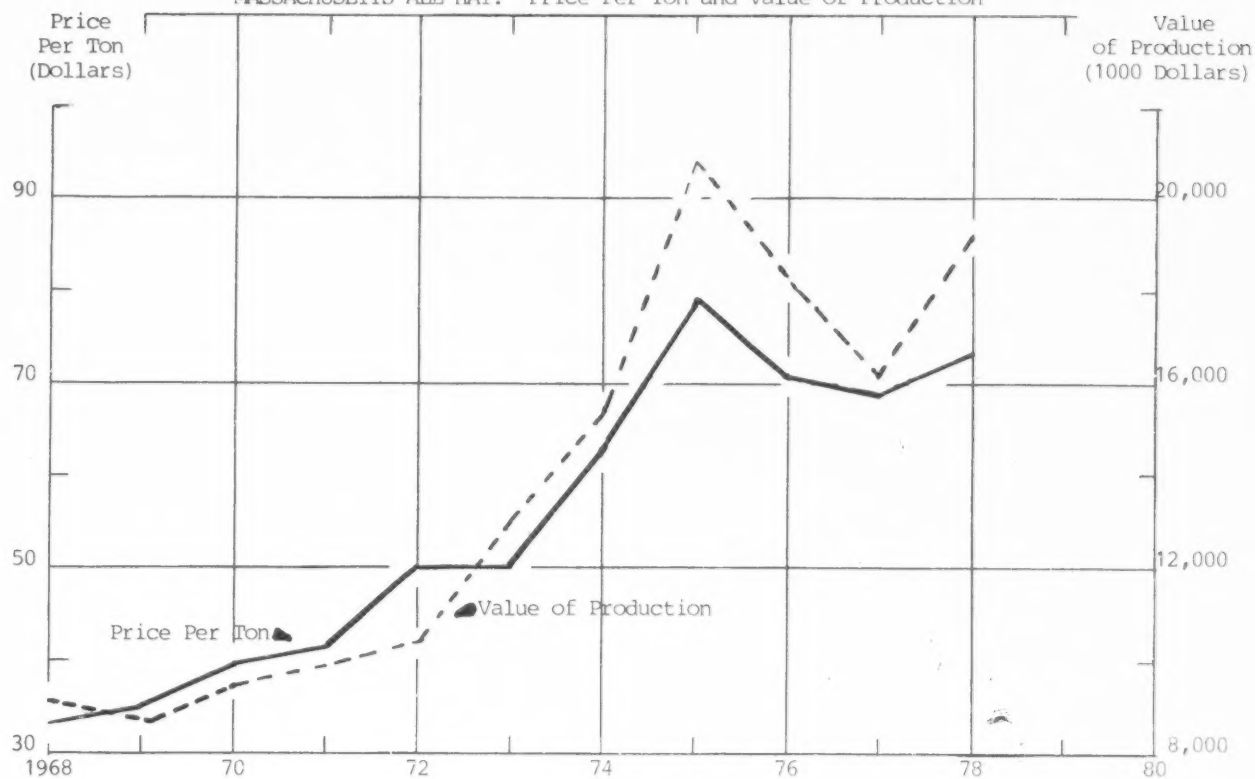
TOBACCO, HAVANA SEED: ACREAGE HARVESTED, BY COUNTY, MASSACHUSETTS, 1969-1978

YEAR	FRANKLIN	HAMPSHIRE	STATE
	Acres	Acres	Acres
1969	100	300	400
1970	90	280	370
1971	75	235	310
1972	46	214	260
1973	35	175	210
1974	20	140	160
1975	25	145	170
1976	20	140	160
1977	25	155	180
1978	25	145	170

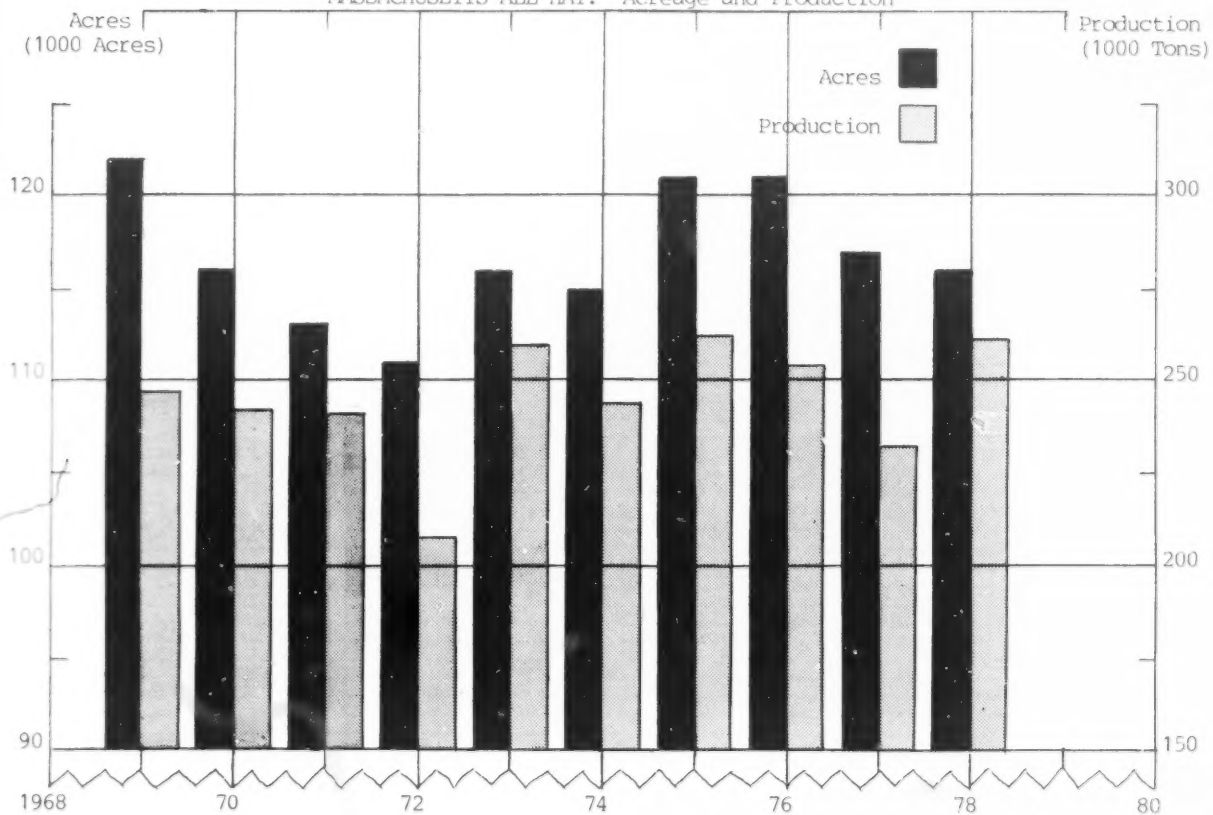
ALL HAY: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE	PRODUCTION	PRICE PER TON	VALUE OF PRODUCTION
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1969	122	2.02	247	35.00	8,645
1970	116	2.09	242	39.00	9,438
1971	113	2.13	241	41.00	9,881
1972	111	1.87	208	50.00	10,400
1973	116	2.24	260	50.00	13,000
1974	115	2.12	244	63.00	15,327
1975	121	2.17	263	79.00	20,777
1976	121	2.10	254	71.00	18,034
1977	117	1.99	233	69.00	16,077
1978	116	2.26	262	73.00	19,126

MASSACHUSETTS ALL HAY: Price Per Ton and Value of Production



MASSACHUSETTS ALL HAY: Acreage and Production



ALFALFA HAY: ACREAGE, YIELD AND PRODUCTION, MASSACHUSETTS, 1969-1978

CROP YEAR	ACRES HARVESTED 1,000 Acres	YIELD PER ACRE Tons	PRODUCTION 1,000 Tons
1969	31	2.55	79
1970	29	2.65	77
1971	28	2.55	71
1972	26	2.25	59
1973	26	2.55	66
1974	25	2.55	64
1975	26	2.60	68
1976	27	2.45	66
1977	25	2.30	58
1978	26	2.60	68

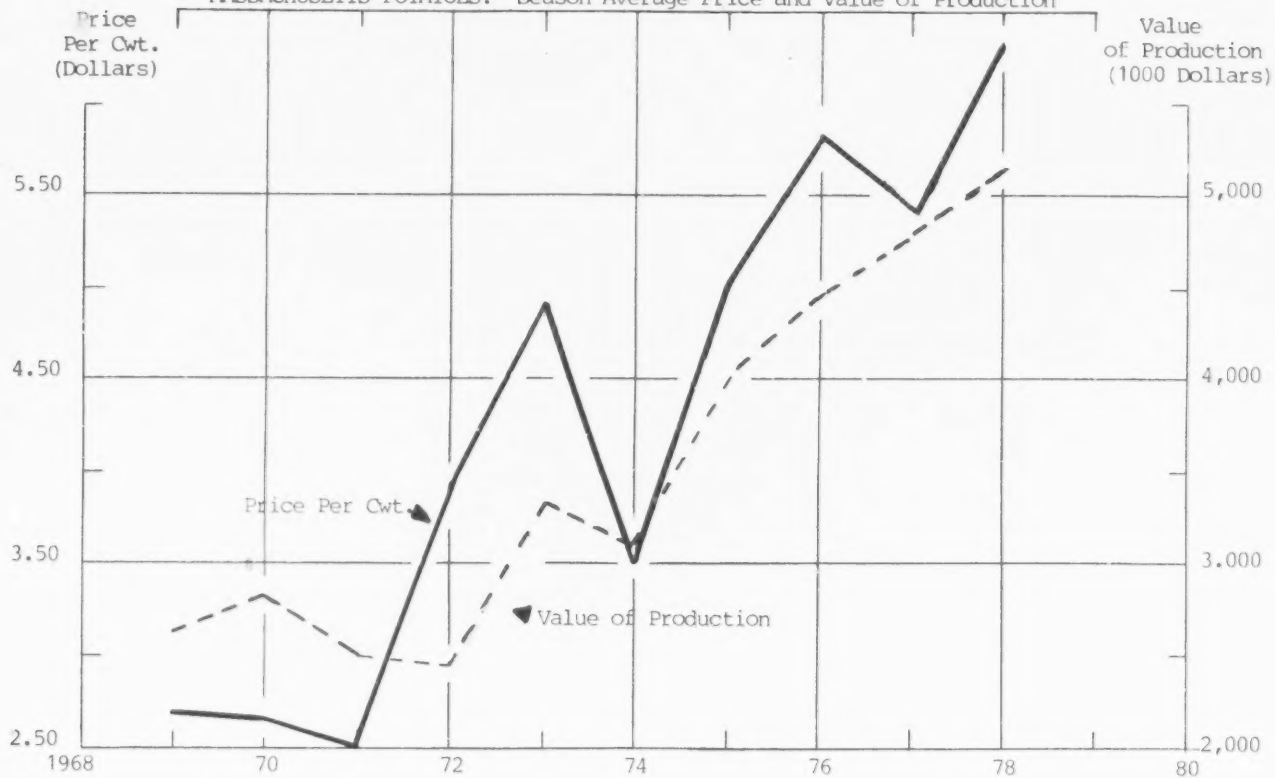
ALL OTHER HAY: ACREAGE, YIELD AND PRODUCTION, MASSACHUSETTS, 1969-1978

CROP YEAR	ACRES HARVESTED 1,000 Acres	YIELD PER ACRE Tons	PRODUCTION 1,000 Tons
1969	91	1.85	168
1970	87	1.90	165
1971	85	2.00	170
1972	85	1.75	149
1973	90	2.15	194
1974	90	2.00	180
1975	95	2.05	195
1976	94	2.00	188
1977	92	1.90	175
1978	90	2.15	194

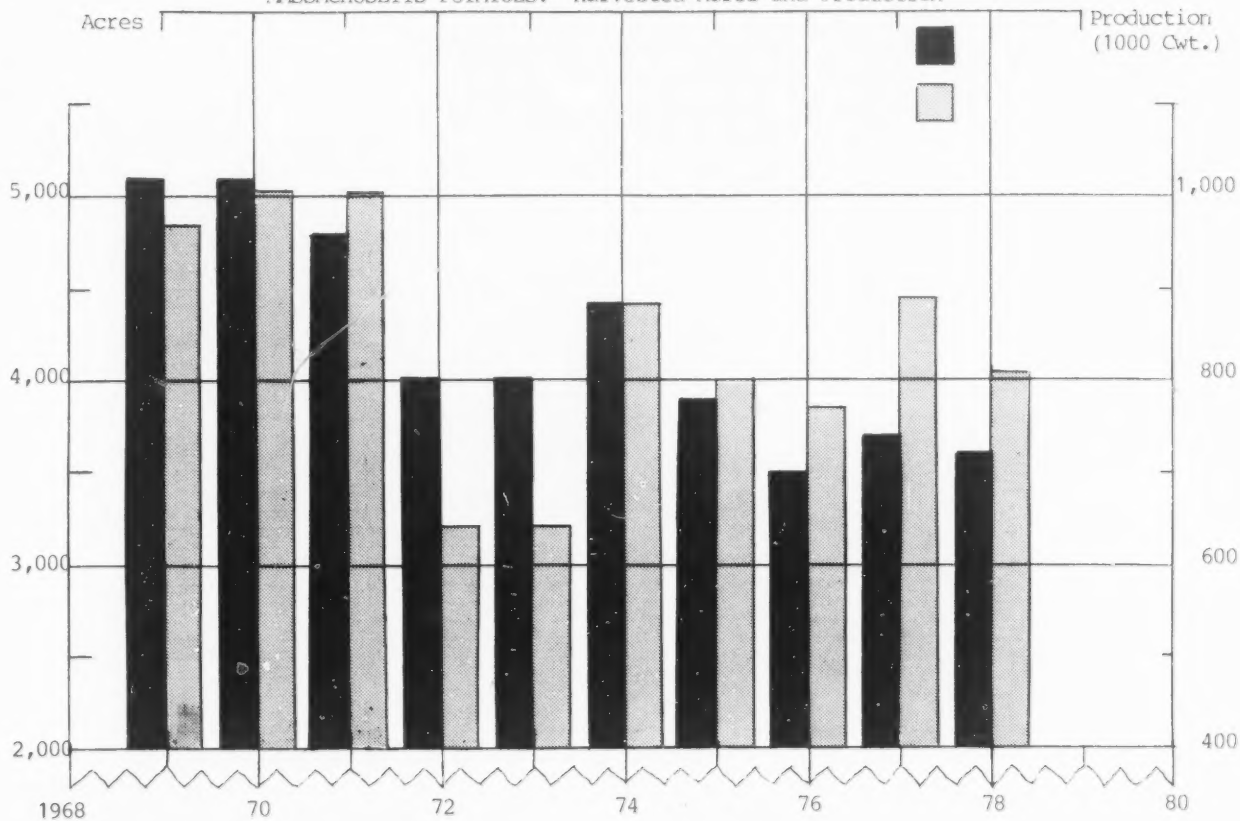
POTATOES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

CROP YEAR	ACREAGE HARVESTED Acres	YIELD PER ACRE Cwt.	TOTAL PRODUCTION 1,000 Cwt.	SEASON AVG. PRICE PER CWT. Dollars	VALUE OF PRODUCTION 1,000 Dollars
1969	5,100	190	969	2.70	2,616
1970	5,100	205	1,046	2.69	2,814
1971	4,800	210	1,008	2.50	2,520
1972	4,000	160	640	3.90	2,496
1973	4,000	160	640	4.90	3,336
1974	4,400	200	880	3.50	3,080
1975	3,900	205	800	5.00	4,000
1976	3,500	220	770	5.80	4,466
1977	3,700	240	888	5.40	4,795
1978	3,600	225	810	6.30	5,103

MASSACHUSETTS POTATOES: Season Average Price and Value of Production



MASSACHUSETTS POTATOES: Harvested Acres and Production



SWEET CORN: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE Cwt.	TOTAL PRODUCTION 1,000 Cwt.	AVG. PRICE PER CWT. Dollars	VALUE OF PRODUCTION 1,000 Dollars
1969	7,500	75	563	5.38	3,029
1970	7,800	75	585	6.01	3,516
1971	8,200	78	640	6.22	3,981
1972	7,100	75	533	6.93	3,694
1973	8,000	78	624	6.20	3,869
1974	8,200	62	508	8.90	4,521
1975	8,200	81	664	7.10	4,714
1976	7,400	72	533	7.71	4,109
1977	7,200	60	432	8.90	3,845
1978	6,500	88	572	7.00	4,004

TOMATOES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

CROP YEAR	ACRES HARVESTED	YIELD PER ACRE Cwt.	TOTAL PRODUCTION 1,000 Cwt.	AVG. PRICE PER CWT. Dollars	VALUE OF PRODUCTION 1,000 Dollars
1969	800	200	160	12.80	2,048
1970	750	190	143	12.50	1,788
1971	750	200	150	12.50	1,875
1972	700	190	133	17.70	2,354
1973	730	195	142	17.40	2,471
1974	700	175	123	16.50	2,030
1975	630	210	132	18.00	2,376
1976	620	195	121	21.40	2,589
1977	660	190	125	20.40	2,550
1978	670	210	141	21.80	3,074

MAPLE PRODUCTS: PRODUCTION, DISPOSITION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

YEAR	SYRUP			
	PRODUCTION	SOLD	PRICE PER	VALUE OF
	1,000 Gallons	1,000 Gallons	GALLON 1/ Dollars	PRODUCTION 1,000 Dollars
1969	29	28	6.50	189
1970	32	31	6.70	214
1971	25	24	7.80	195
1972	28	27	8.70	244
1973	20	19	9.40	188
1974	25	24	11.20	280
1975	31	30	10.70	332
1976	27	25	12.75	319
1977	27	25	14.20*	383*
1978	28	26	15.20	426

1/ Represents average price received for syrup sold in gallon containers. Value of production is computed using the average price for all sales and all sizes of containers.

* Revised

APPLES: PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

YEAR	PRODUCTION 1/			PRICE PER UNIT Dollars	VALUE OF UTILIZED PRODUCTION 1,000 Dollars
	TOTAL	NOT UTILIZED 2/	HAVING VALUE		
	1,000 42-Pound Units				
1969	2,381	---	2,381	2.93	6,980
1970	2,619	52	2,567	2.65	6,802
1971	2,738	238	2,500	2.75	6,878
1972	2,167	---	2,167	3.90	8,454
1973	1,976	---	1,976	5.59	11,039
1974	2,548	167	2,381	4.33	10,300
1975	2,500	167	2,333	4.37	10,192
1976	2,262	---	2,262	6.13	13,870
1977	2,262	72	2,190	5.38*	11,776*
1978	2,500	95	2,405	5.29	12,726

1/ Estimates relate to production in orchards of 100 or more trees.

2/ Abandoned because of economic reasons.

* Revised

PEACHES: PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

YEAR	PRODUCTION 1,000 48-Pound Units	PRICE PER BUSHEL	VALUE OF PRODUCTION 1,000 Dollars
		Dollars	
1969	54	5.06	273
1970	73	5.27	385
1971	79	5.05	399
1972	35	8.26	289
1973	58	9.66	560
1974	35	8.74	306
1975	85	9.64	820
1976	69	12.44	858
1977	73	10.55	770
1978	73	13.90	1,015

CRANBERRIES: ACREAGE, YIELD, PRODUCTION, UTILIZATION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

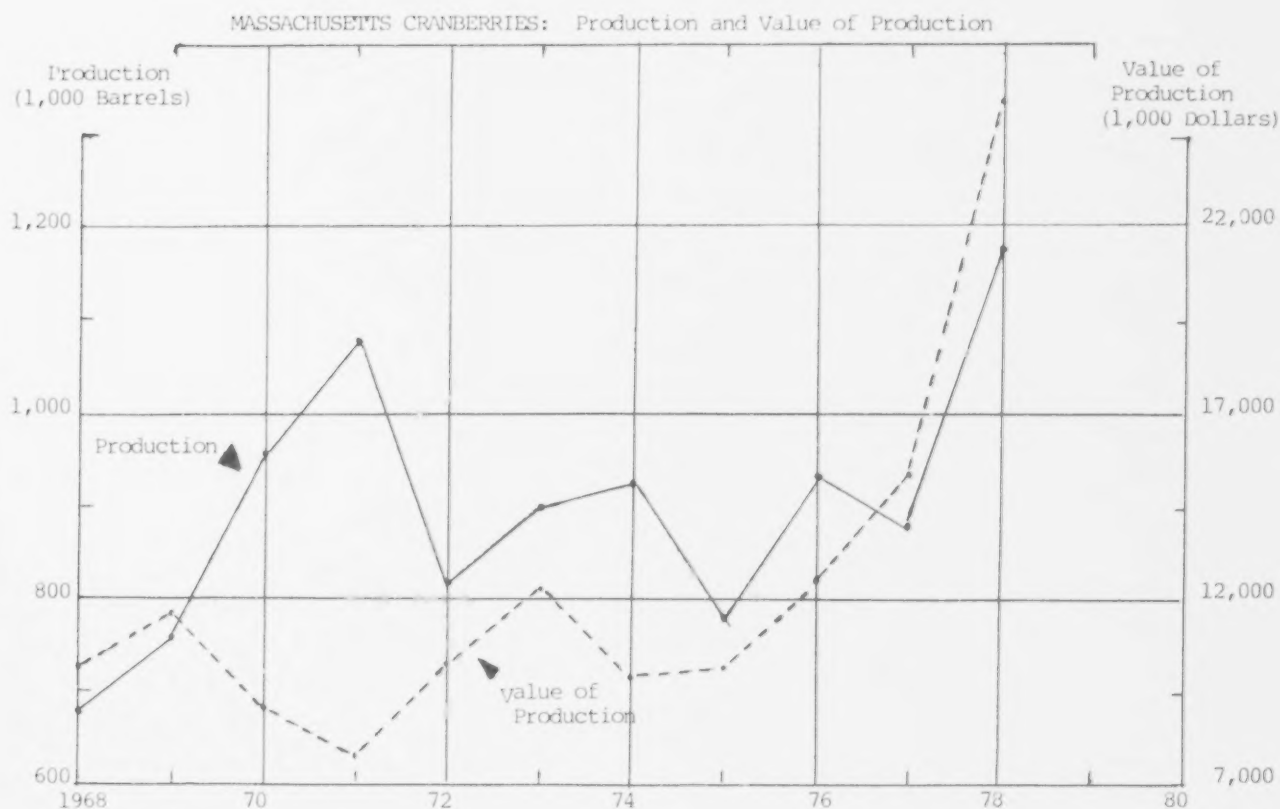
YEAR	ACRES	YIELD PER ACRE	PRODUCTION <u>1/</u>	FRESH SALES	SOLD FOR PROCESSING	SHRINKAGE <u>2/</u>	SEASON AVERAGE PRICE PER BARREL <u>3/</u>	VALUE
		Barrels	1,000 Barrels		1,000 Barrels		Dollars	1,000 Dols.
1969	11,200	67.4	755	152	567	36	15.40	11,627
1970	11,200	85.4	957	210	607	47	10.70	9,245
1971	11,200	95.7	1,072	239	441	57	10.70	7,886
1972	11,200	73.1	819	170	600	49	12.60	10,319
1973	11,200	80.4	901	246	563	92	13.60	12,254
1974	11,200	83.2	932	167	491	274	10.70	9,972
1975	11,200	70.1	785	162	508	115	13.00	10,205
1976	11,200	83.5	935	220	630	85	13.40	12,529
1977	11,200	78.1	875	207	576	92	17.70*	15,488*
1978	11,200	105.4	1,180	247	833	100	21.60	25,488

1/ Differences between production and the totals of fresh sales and sales for processing are economic abandonment.

2/ Berries paid for by processors and lost because of dehydration and berry breakdown after delivery.

3/ Equivalent return at first delivery point, screen basis.

* Revised



CUT FLOWERS: NUMBER OF PRODUCERS, PRODUCTION, SALES, PRICE & VALUE, MASSACHUSETTS, 1972-1978

TYPE AND CROP YEAR	PRODUCERS 2/	SALES	PERCENTAGE OF SALES AT WHOLESALE	WHOLESALE PRICE	VALUE OF SALES AT 1/ WHOLESALE
	Number	1,000 Blooms	Percent	Cents	1,000 Dollars
STANDARD CARNATIONS					
1972	64	14,580	94	10.5	1,531
1973	58	11,140	93	11.1	1,237
1974	45	9,403	75	11.1	1,044
1975	34	5,549	65	12.3	683
1976	27	5,853	93	10.3	603
1977	24	3,851	89	11.2	431
1978	19	1,603	92	14.0	224
MINIATURE CARNATIONS					
		1,000 Bunches			
1972	27	218	91	118	257
1973	26	271	83	125	339
1974	27	278	50	120	334
1975	23	273	65	151	412
1976	24	256	83	148	379
1977	20	222	89	115	255
1978	15	252	99	135	340
HYBRID TEA ROSES					
		1,000 Blooms			
1972	11	17,144	99	18.7	3,206
1973	11	14,161	99	18.9	3,243
1974	9	19,708	97	21.0	4,139
1975	9	13,483	69	23.9	3,222
1976	10	12,636	100	19.7	2,489
1977	13	10,575	100	26.2	2,771
1978	9	12,514	99	26.0	3,254
MINIATURE OR SWEETHEART ROSES					
1972	8	9,432	99	11.7	1,104
1973	8	9,635	100	11.4	1,098
1974	9	8,930	97	14.7	1,313
1975	9	9,114	72	11.7	1,066
1976	9	6,174	100	12.5	772
1977	9	6,537	100	16.3	1,066
1978	9	5,401	99	17.0	918
STANDARD CHRYSANTHEMUMS					
1972	100	3,477	91	27.4	953
1973	88	2,983	81	29.9	892
1974	52	2,412	92	31.0	748
1975	54	2,341	92	31.1	728
1976	70	1,774	85	44.5	789
1977	58	1,721	92	41.7	718
1978	57	1,545	90	42.5	657

CUT FLOWERS: NUMBER OF PRODUCERS, PRODUCTION, SALES, PRICE & VALUE, MASSACHUSETTS, 1972-1978, CONT.

TYPE AND CROP YEAR	PRODUCERS 2/ Number	SALES 1,000 Bunches	PERCENTAGE OF SALES AT WHOLESALE Percent	WHOLESALE PRICE Cents	VALUE OF SALES AT 1/ WHOLESALE 1,000 Dollars
POMPON CHRYSANTHEMUMS					
1972	132	577	69	121	698
1973	115	558	55	128	714
1974	70	371	68	131	486
1975	102	377	67	153	577
1976	87	367	71	166	609
1977	89	356	54	165	587
1978	75	360	77	180	648
GLADIOLI 1,000 Spikes					
1972	13	443	90	10.0	44
1973	14	442	90	11.0	49
1974	11	448	88	9.0	40
1975	13	432	83	13.4	58
1976	Estimate discontinued				
POTTED CHRYSANTHEMUMS 1,000 Pots					
1972	61	369	88	207	764
1973	59	414	83	184	762
1974	60	503	68	193	971
1975	111	747	79	202	1,509
1976	115	609	78	233	1,419
1977	85	421	78	205	863
1978	87	402	63	260	1,045
SNAPDRAGONS 1,000 Stems					
1976	52	2,651	88	16.8	445
1977	50	1,792	89	19.7	353
1978	57	1,674	90	20.0	335
POTTED GERANIUMS 1,000 Pots					
1976	242	5,755	82	88	5,064
1977	225	3,183	52	75	2,387
1978	230	3,125	66	85	2,656

1/ Equivalent wholesale value of all sales.

2/ Beginning with 1974, number of producers is number who produce and sell \$10,000 or more of fresh (cut) flowers, flowering and foliage plants, bedding plants and cultivated florist greens. Previously, the definition included growers who sold \$2,000 or more of the above mentioned items.

FLOWERS: NUMBER OF PRODUCERS, PRODUCTION, SALES, PRICE AND VALUE, MASSACHUSETTS, 1976-1978

TYPE AND CROP YEAR	PRODUCERS	SALES	PERCENTAGE OF SALES AT WHOLESALE	WHOLESALE PRICE	VALUE OF SALES AT WHOLESALE
	Number	1,000 Pots	Percent	Dollars	1,000 Dollars
POTTED LILLIES					
1976	111	364	87	2.48	903
1977	108	322	80	2.50	805
1978	101	258	73	3.00	774
POTTED POINSETTIAS					
1976	146	634	79	2.79	1,769
1977	139	741	68	2.05	1,519
1978	136	750	67	2.75	2,063

FOLIAGE PLANTS FOR INDOOR OR PATIO USE: NUMBER OF PRODUCERS, SQUARE FEET IN PRODUCTION, NEW VALUE OF SALES, MASSACHUSETTS, 1972-1978

YEAR	NUMBER OF PRODUCERS	SQUARE FEET IN PRODUCTION	AVERAGE VALUE PER SQUARE FOOT	PERCENTAGE OF SALES AT WHOLESALE	NET VALUE OF SALES 1/
		1,000 Sq. Ft.			1,000 Dollars
1972	46	246	3.52	95	865
1973	35	175	3.34	89	584
1974	76	581	5.24	76	3,203
1975	135	1,040	4.49	55	4,670
1976	131	965	4.92	62	4,743
1977	112	926	6.00	30	5,555
1978	127	927	5.36	56	4,970

1/ Gross value of sales less cost of plant material purchased from other growers for growing on.

REPORTED TOTAL AVERAGE AREA USED FOR PRODUCTION AND DERIVED AVERAGE VALUE PER UNIT: CARNATIONS, CHRYSANTHEMUMS, POTTED LILLIES AND POTTED POINSETTIAS, MASSACHUSETTS, 1974-1978 1/

YEAR	CARNATIONS		CHRYSANTHEMUMS			POTTED	POTTED
	STANDARD	MINIATURE	STANDARD	POMPON	POTTED	LILLIES	POINSETTIAS
1,000 Square Foot Production Area							
1974			475	425	325		
1975	333	178	425	400	723		
1976	342	209	341	417	576	336	952
1977	238	123	296	445	309	367	813
1978	149	132	257	366	427	295	1,009
Average Value Per Square Foot - Dollars							
1974			1.57	1.14	2.30		
1975	2.05	2.31	1.71	1.44	2.09		
1976	2.31	1.81	2.31	1.46	2.46	2.69	1.86
1977	2.43	2.07	2.43	1.32	2.79	2.19	1.86
1978	1.50	2.58	2.56	1.77	2.45	2.62	2.04

1/ Value figures for all plants are equivalent wholesale value of all sales.

1978 LIVESTOCK AND POULTRY REVIEW

CATTLE:

On January 1, 1979, cattle and calves on Massachusetts farms totaled 95,000 head, down 4 percent from 1978 and 9 percent from 1977. Total value of the January inventory rose \$12.1 million over 1978 due to a rise of \$145 per head in average value. The per head value of \$560.00 is the highest of record. Milk cows and milk replacements were the only cattle categories that decreased in numbers from previous year.

HOGS:

December 1, 1978, inventory of hogs and pigs on farms totaled 60,000, equal to a year earlier but up 20 percent from 1976. Of the total 16 percent or 8,000 head were breeding animals while 52,000 were intended for market. Farmers marketed 16.6 million pounds of pork during 1978 compared to 14.1 million during 1977. Total gross income was \$7,792,000, up 42 percent from 1977 and the third largest of record.

SHEEP AND LAMBS:

Sheep and lambs in Massachusetts on January 1, 1979 totaled 6,700 head, 1 percent below January 1, 1978. Value of the January 1 flock rose \$58,000 as the average per head climbed \$9.50 to \$63.00. The 1978 market prices for sheep rose \$9.00 per hundred over the 1977 levels to reach \$38.00 per hundred for sheep and \$84.00 per hundred for lambs. Some 26,000 pounds less lambs and muttons were sold in 1978 than a year earlier. However, gross income from marketings was \$226,000, \$31,000 more than 1977.

CHICKENS:

The December 1, 1978 inventory of chickens on farms (excluding broilers) in Massachusetts was 1,580,000, down 21 percent from a year earlier and 14 percent below 1976. Laying age of hens was up 18 percent while pullets of laying age were down 38 percent from 1977 numbers. Total value of the December 1 inventory at \$3,239,000 was down 21 percent from 1977 due to a decrease in number of birds. Growers marketed 10,500 thousand pounds of poultry during 1978 at 12.3 cents per pound compared to 8,245 thousand pounds at 11.3 cents the previous year.

TURKEYS:

Massachusetts farmers raised 146,000 turkeys during 1978, up 17 percent from 1977. The turkey raised averaged 20.5 pounds apiece. Cash receipts to producers were \$2,035,000, up 35 percent from 1977.

BEES AND HONEY:

Apiarists in Massachusetts kept 12,000 bee colonies in 1978 equal to the previous year; however, production of honey rose 59 percent as yield per colony climbed from 22 to 35 pounds. Production of beeswax rose 1,000 pounds to reach 6,000 pounds, 20 percent above the 1977 level. Price per pound of honey collected in 1978 was \$1.03 per pound, the same as the 1977 record high.

WOOL:

Sheepmen sheared 6,300 head during 1978 averaging 6.9 pounds per fleece for a total of 43,000 pounds of wool. Price per pound of sheared wool at 74 cents was 4 cents below previous year's record high.

MILK:

Dairymen marketed 562 million of the 572 million pounds of milk they produced during 1978. Ninety-four percent was sold to plants while the balance went directly to consumers. Price per cwt. rose 74 cents to reach \$11.98 for all sales.

EGGS:

The 1978 egg production of 341 million was down 4 percent from 1977 and 1 percent less than production in 1976. The decrease was the result of the 74,000 head fall in hens and pullets on Massachusetts farms since rate of lay rose 2 eggs per hen from the previous year. Gross income to egg producers was 18.8 million dollars, down 9 percent from previous year.

CATTLE: NUMBER AND VALUE OF ALL CATTLE AND CALVES ON FARMS
JANUARY 1, MASSACHUSETTS, 1969-1979

YEAR	NUMBER	VALUE	TOTAL
	1,000 Head	PER HEAD Dollars	VALUE 1,000 Dollars
1969	116	257.00	29,812
1970	111	260.00	28,860
1971	111	270.00	29,970
1972	110	290.00	31,900
1973	111	335.00	37,185
1974	105	420.00	44,100
1975	107	315.00	33,705
1976	107	345.00	36,915
1977	104	380.00	39,520
1978	99	415.00	41,085
1979	95	560.00	53,200

CATTLE: JANUARY 1, INVENTORY BY CLASSES, MASSACHUSETTS, 1971-1979

YEAR	ALL CATTLE AND CALVES	COWS & HEIFERS THAT HAVE CALVED		HEIFERS 500 LBS. AND OVER			STEERS 500 LBS.+	BULLS 500 LBS.+	STEERS HEIFERS & BULLS -500 LBS.
		BEEF	MILK	BEEF COW REPLACEMENTS	MILK COW REPLACEMENTS	OTHER			
				1,000 Head					
1971	111	7	60	2	15	2	2	2	21
1972	110	8	58	2	15	2	2	2	21
1973	111	8	57	2	16	2	2	2	22
1974	105	8	54	2	15	2	2	2	20
1975	107	9	54	2	17	1	3	2	19
1976	107	9	55	2	17	1	3	2	18
1977	104	9	53	2	17	1	2	2	18
1978	99	8	51	2	16	1	2	2	17
1979	95	9	46	3	15	1	2	2	17

CATTLE AND CALVES: INVENTORY, SUPPLY, AND DISPOSITION, MASSACHUSETTS, 1969-1978

YEAR	ON HAND JAN. 1 ALL CATTLE	CALF CROP	INSHIPMENTS	MARKETINGS 1/		FARM SLAUGHTER CATTLE & CALVES	DEATHS	
				CATTLE	CALVES		CATTLE	CALVES
1,000 Head								
1969	116	64	15	36	42	1	1	4
1970	111	60	13	28	38	1	2	4
1971	111	60	12	29	37	1	2	4
1972	110	60	11	29	33	1	2	5
1973	111	57	10	33	30	1	3	6
1974	105	55	8	27	26	1	2	5
1975	107	56	7	25	29	1	2	6
1976	107	55	7	26	30	1	2	6
1977	104	52	7	22	33	1	2	6
1978	99	47	5	20	26	2	2	6

1/ Excludes interfarm sales.

CATTLE AND CALVES: PRODUCTION AND INCOME, MASSACHUSETTS, 1969-1978

YEAR	PRODUCTION	MARKETINGS	PRICE PER		CASH RECEIPTS	VALUE OF	GROSS INCOME
	1/	2/	100 Lbs.			HOME	
	1,000 Pounds		CATTLE	CALVES		3/	
				Dollars		1,000 Dollars	
1969	24,050	39,850	19.00	29.40	7,952	342	8,294
1970	22,430	31,456	20.80	30.50	6,852	340	7,192
1971	23,175	32,495	21.10	28.00	7,080	363	7,443
1972	24,660	32,020	24.20	34.00	8,025	416	8,441
1973	28,875	40,115	33.50	44.00	13,717	576	14,293
1974	30,405	32,845	27.50	28.00	9,043	473	9,516
1975	27,430	30,190	22.70	23.80	6,882	488	7,370
1976	24,980	31,590	26.00	28.50	8,283	599	8,842
1977	19,200	26,750	26.20	38.20	7,377	676	8,053
1978	18,380	23,680	41.90	57.00	10,293	1,441	11,734

1/ Adjustments made for inshipments and changes in inventory.

2/ Excludes interfarm sales.

3/ Receipts from marketings and sale of farm slaughter.

MILK: FARM PRODUCTION AND VALUE OF MILK AND MILK PRODUCTS SOLD, MASSACHUSETTS, 1969-1978

YEAR	NO MILK COWS ON 1/ FARMS	PRODUCTION 2/					CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM	GROSS FARM INCOME FROM DAIRY PRODUCTS 3/	FARM VALUE OF MILK PRODUCED 4/
		PER MILK COW		PERCENTAGE OF FAT IN ALL MILK PRODUCED	TOTAL				
		MILK	MILKFAT		MILK	MILKFAT			
	Thous.	Pounds		Percent	Million Lbs.			1,000 Dollars	
1969	63	10,810	401	3.71	681	25	47,704	48,275	48,623
1970	60	10,967	408	3.72	658	24	47,788	48,381	48,758
1971	59	11,153	414	3.71	658	24	48,248	48,846	49,218
1972	57	11,035	409	3.71	629	23	47,441	47,979	48,370
1973	55	10,818	395	3.65	595	22	50,582	51,190	51,646
1974	54	10,981	402	3.66	593	22	56,643	58,717	59,241
1975	54	11,130	404	3.63	601	22	59,884	60,596	61,122
1976	54	11,074	405	3.66	598	22	65,882	66,669	67,215
1977	51	11,706*	431*	3.68	597*	22	65,882*	66,556*	67,103*
1978	48	11,917	437	3.67	572	21	67,350	67,949	68,526

* Revised.

1/ Average number on farms during year, excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

3/ Cash receipts from marketing of milk and cream plus value of milk for home consumption and farm-churned butter.

4/ Includes value of milk fed to calves at average returns per 100 pounds of milk in combined marketings of milk and cream.

MASSACHUSETTS MILK COWS ON FARMS, BY QUARTERS, 1969-1978

MONTH	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Thousands of Head										
Mar. 31	64	60	60	58	56	54	55	54	51	51
June 30	64	60	59	57	55	54	53	53	51	48
Sept. 30	63	60	58	57	54	54	54	53	51	47
Dec. 31	61	60	58	57	54	54	55	53	51	46
Annual	63	60	59	57	55	54	54	54	51	48

MASSACHUSETTS MILK PRODUCTION PER COW, BY QUARTERS, 1969-1978

MONTH	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Pounds										
Jan-Mar.	2,671	2,750	2,700	2,793	2,714	2,704	2,725	2,775	2,900	2,865
April-June	2,828	2,900	2,949	2,965	2,880	2,891	3,020	3,000	3,060	3,145
July-Sept.	2,651	2,683	2,810	2,649	2,612	2,673	2,720	2,755	2,920	2,955
Oct.-Dec.	2,660	2,634	2,694	2,628	2,612	2,713	2,620	2,700	2,880	2,955
Annual	10,810	10,967	11,153	11,035	10,818	10,981	11,130	11,075	11,765	11,917

MASSACHUSETTS MILK PRODUCTION, BY QUARTERS, 1969-1978

MONTH	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Million Pounds										
March	171	165	162	162	152	146	150	150	148	146
June	181	174	174	169	161	159	160	159	156	151
Sept.	167	161	163	151	141	147	147	146	149	139
Dec.	162	158	159	147	141	141	144	143	147	136
Annual	681	658	658	629	595	593	601	598	600	572

MILK: QUANTITY MARKETED, PRICE AND CASH RECEIPTS, MASSACHUSETTS, 1969-1978

YEAR	SOLD TO PLANTS			SOLD DIRECTLY TO CONSUMERS			COMBINED MARKETINGS		
	QUANTITY	PRICE PER CWT.	CASH RECEIPTS	QUANTITY	PRICE PER QUART	CASH RECEIPTS	QUANTITY	PRICE PER CWT.	CASH RECEIPTS
	Million Pounds	Dollars	1,000 Dollars	Million Quarts	Cents	1,000 Dollars	Million Pounds	Dollars	1,000 Dollars
1969	610	6.56	40,016	27.0	28.5	7,688	668	7.14	47,704
1970	595	6.82	40,579	23.3	31.0	7,209	645	7.41	47,788
1971	600	6.96	41,760	20.9	31.0	6,488	645	7.48	48,248
1972	580	7.23	41,934	17.2	32.0	5,507	617	7.69	47,441
1973	550	8.22	45,210	15.3	35.0	5,372	583	8.68	50,582
1974	550	9.50	52,250	14.4	40.0	5,768	581	9.99	58,018
1975	555	9.65	53,558	15.8	40.0	6,326	589	10.17	59,884
1976	550	10.70	58,850	16.7	42.0	7,032	586	11.24	65,882
1977	550	10.70	58,850	16.7*	42.0	7,032*	586*	11.24*	65,882*
1978	530	11.50	60,950	14.9	43.0	6,400	562	11.98	67,350

* Revised.

MILK: QUANTITIES USED AND MARKETED BY FARMERS, MASSACHUSETTS, 1969-1978

MILK QUANTITIES SOLD AND MARKETED BY FARMERS, MASSACHUSETTS, 1969-1978							
YEAR	TOTAL PRODUCED	MILK USED ON FARMS WHERE PRODUCED			MILK MARKETED BY FARMERS		
		USED FOR MILK, CREAM AND BUTTER	FED TO CALVES	TOTAL	SOLD TO PLANTS AND DEALERS	SOLD DIRECTLY TO CONSUMERS	TOTAL
Million Pounds							
1969	681	8	5	13	610	58	668
1970	658	8	5	13	595	50	645
1971	658	8	5	13	600	45	645
1972	629	7	5	12	580	37	617
1973	595	7	5	12	550	33	583
1974	593	7	5	12	550	31	581
1975	601	7	5	12	555	34	589
1976	598	7	5	12	550	36	586
1977	597*	6	5	11	550	36*	586*
1978	572	5	5	10	530	32	562

* Revised.

MILK: SOLD TO PLANTS, MONTHLY AND ANNUAL AVERAGE PRICE PER
100 POUNDS RECEIVED BY FARMERS, MASSACHUSETTS, 1969-1978

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
Dollars													
1969	6.70	6.60	6.35	6.20	6.05	5.85	6.30	6.65	6.95	7.15	7.05	6.95	6.56
1970	6.95	6.85	6.65	6.50	6.30	6.20	6.65	6.90	7.15	7.35	7.30	7.20	6.82
1971	7.05	7.00	6.90	6.65	6.45	6.30	6.70	7.00	7.30	7.40	7.45	7.25	6.94
1972	7.20	7.25	7.00	6.75	6.65	6.50	6.95	7.45	7.75	7.95	7.95	7.65	7.24
1973	7.70	7.75	7.55	7.30	7.15	7.20	7.75	8.55	9.25	9.55	9.80	9.70	8.22
1974	9.80	9.90	9.85	9.80	9.25	8.50	8.90	9.40	9.70	9.80	10.00	9.45	9.50
1975	9.05	9.00	8.75	8.60	8.35	8.35	9.00	9.60	10.30	10.80	11.10	11.20	9.45
1976	11.10	10.80	10.70	10.00	9.90	9.75	10.40	11.00	11.30	11.50	11.20	11.70	10.70
1977	10.60	10.50	10.20	10.20	9.90	10.00	10.50	10.90	11.20	11.40	11.40	11.20	10.70
1978	11.10	11.20	11.00	10.70	10.70	10.60	11.00	11.60	12.10	12.70	12.90	12.60	11.50

MANUFACTURED DAIRY: PRODUCTION MAJOR PRODUCTS, MASSACHUSETTS, 1969-1978

YEAR	TOTAL CHEESE ^{1/}	ITALIAN CHEESE	COTTAGE CHEESE CURD	COTTAGE CHEESE CREAMED	ICE CREAM	ICE MILK	MILK SHERBET	WATER ICE
			1,000 Pounds			1,000 Gallons		
1969	5,545	4,764	523	730	39,609	3,999	2,536	2/ 986
1970	6,430	5,520	488	680	40,944	7,822	2,645	
1971	7,268	6,313	587	817	40,455	7,514	2,556	1,473
1972	6,416	5,623	756	926	41,025	8,802	2,393	1,117
1973	5,976	5,060	620	732	42,302	7,742	2,330	1,312
1974	5,412	4,292	421	417	43,607	9,611	2,186	959
1975	5,288	4,054	402	299	47,761	9,177	1,985	781
1976	6,123	4,557	3/ 3/	3/ 3/	46,320	7,246	2,116	691
1977	5,786	3,967	3/ 3/	3/ 3/	45,255*	7,483	2,180	752
1978	7,780	6,250	3/ 3/	3/ 3/	42,909	6,548	2,102	481

^{1/} Excluding cottage cheese.^{2/} Product not estimated.^{3/} Not shown when individual plant operations might be disclosed.

* Revised.

HOGS: NUMBER AND VALUE OF HOGS ON FARMS, DECEMBER 1, MASSACHUSETTS, 1969-1978

YEAR	NUMBER			VALUE	TOTAL
	BREEDING	MARKET	TOTAL	PER HEAD	VALUE
		1,000 Head		Dollars	1,000 Dollars
1969	12	71	83	34.00	2,822
1970	11	62	73	28.50	2,081
1971	9	64	73	32.00	2,336
1972	9	54	63	37.50	2,363
1973	10	50	60	62.50	3,750
1974	8	43	51	48.00	2,448
1975	8	42	50	64.50	3,225
1976	7	43	50	50.50	2,525
1977	8	52	60	59.50	3,570
1978	8	52	60	76.50	4,590

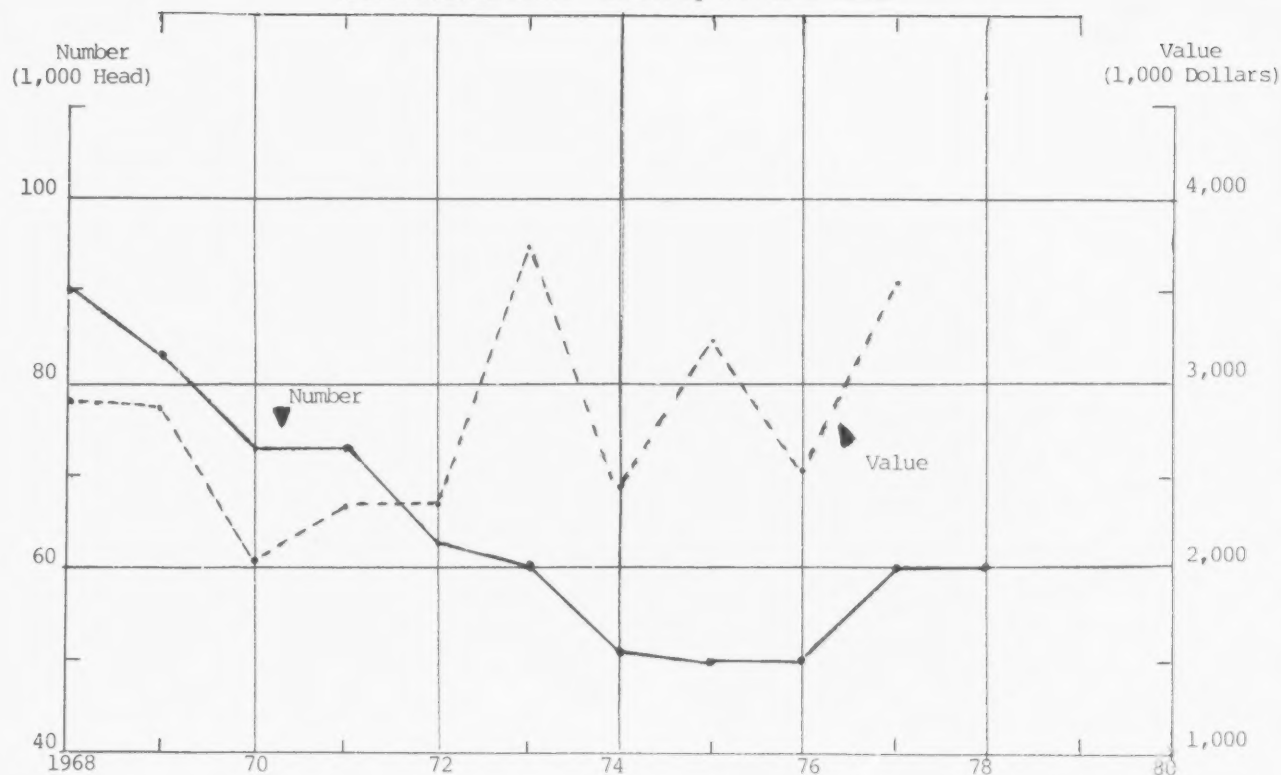
HOGS: INVENTORY NUMBERS, PIG CROP AND DISPOSITION, MASSACHUSETTS, 1969-1978

YEAR	ON HAND DEC. 1	PIG CROP		MARKETINGS	FARM	DEATHS
	PREV. YEAR	DEC-MAY	JUN-NOV	1/	SLAUGHTER	
	1,000 Head	1,000 Head			1,000 Head	
1969	90	46	52	95	1	9
1970	83	46	47	90	1	12
1971	73	51	47	88	1	9
1972	73	44	43	89	1	7
1973	63	42	43	80	1	7
1974	60	42	41	82	1	6
1975	51	43	39	78	1	4
1976	50	45	37	75	1	6
1977	50	35	43	61	1	6
1978	60	36	41	71	1	5

^{1/} Excludes interfarm sales.

24

MASSACHUSETTS HOGS: Inventory Number & Value



PIG CROP: SOWS FARROWED AND PIGS SAVED, MASSACHUSETTS, 1969-1978

YEAR	SPRING FARROWINGS			FALL FARROWING		
	SOWS	PIGS PER LITTER	PIGS SAVED	SOWS	PIGS PER LITTER	PIGS SAVED
	1,000 Head		1,000	1,000 Head		1,000
1969	7.5	6.2	46	7.5	6.9	52
1970	7.4	6.2	46	7.8	6.0	47
1971	7.6	6.7	51	7.4	6.3	47
1972	7.0	6.3	44	7.0	6.2	43
1973	7.0	6.0	42	7.1	6.0	43
1974	7.0	6.0	42	6.8	6.0	41
1975	7.0	6.2	43	6.8	5.7	39
1976	6.6	6.8	45	5.7	6.5	37
1977	5.0	6.9	35	6.5	6.6	43
1978	5.0	7.2	36	6.0	6.8	41

HOGS: PRODUCTION AND INCOME, MASSACHUSETTS, 1969-1978

YEAR	PRODUCTION 1/	MARKETING 2/	PRICE PER 100 POUNDS	CASH RECEIPTS 3/	VALUE OF HOME CONSUMPTION	GROSS INCOME
	1,000 Pounds		Dollars		1,000 Dollars	
1969	20,146	21,127	20.80	4,394	79	4,473
1970	19,139	19,998	18.50	3,540	81	3,871
1971	19,746	19,556	17.50	3,422	77	3,499
1972	19,191	19,835	25.00	4,959	110	3,069
1973	18,862	18,068	37.00	6,685	170	6,856
1974	18,764	19,910	33.00	6,570	254	6,824
1975	19,100	18,260	45.00	8,217	347	8,564
1976	17,891	17,377	45.00	7,820	355	8,175
1977	15,832	14,062	37.00	5,203	292	5,495
1978	17,211	16,640	45.00	7,488	304	7,792

1/ Adjustments made for changes in inventory and in shipments.

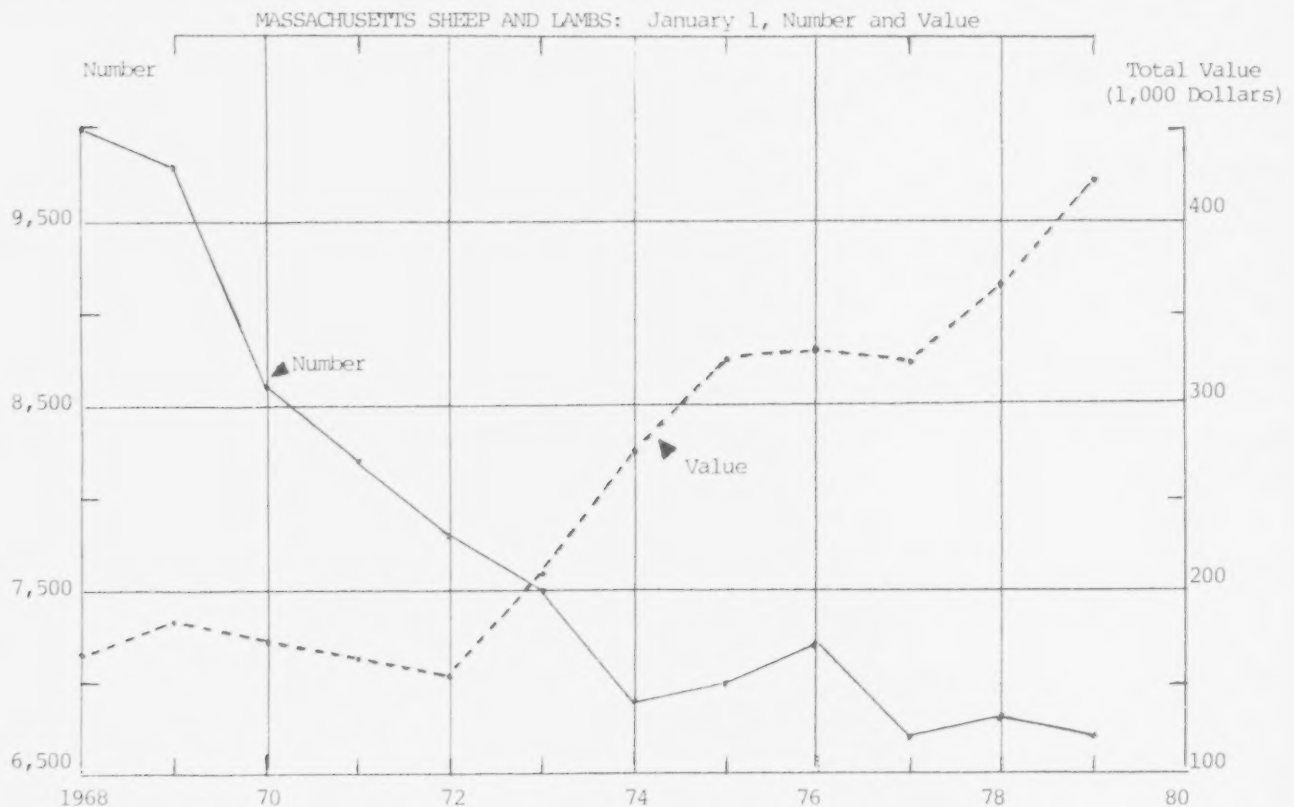
2/ Excludes interfarm sales.

3/ Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: NUMBER AND VALUE ON FARMS,
JANUARY 1, MASSACHUSETTS, 1969-1979

25

YEAR	NUMBER	VALUE	TOTAL
	1,000 Head	PER HEAD Dollars	VALUE 1,000 Dollars
1969	9.8	18.70	183
1970	8.6	20.00	172
1971	8.2	20.00	164
1972	7.8	20.00	156
1973	7.5	28.00	210
1974	6.9	40.00	276
1975	7.0	46.50	326
1976	7.2	46.00	331
1977	6.7	48.00	322
1978	6.8	53.50	364
1979	6.7	63.00	422



SHEEP AND LAMBS: INVENTORY NUMBER BY CLASS, JANUARY 1, MASSACHUSETTS, 1969-1979

YEAR	ALL SHEEP AND LAMBS	LAMBS			ONE YEAR AND OVER	
		ALL LAMBS	EWES	WETHERS AND RAMS	EWES	WETHERS AND RAMS
	1,000 Head		1,000 Head		1,000 Head	
1969	9.8	1.9	1.9	--	7.0	.9
1970	8.6	1.9	1.5	.4	6.1	.6
1971	8.2	1.7	1.4	.3	5.9	.6
1972	7.8	1.4	1.0	.4	5.8	.6
1973	7.5	1.4	1.0	.4	5.5	.6
1974	6.9	1.4	1.0	.4	5.0	.5
1975	7.0	1.5	1.1	.4	5.1	.4
1976	7.2	1.5	1.1	.4	5.3	.4
1977	6.7	1.4	1.0	.4	4.9	.4
1978	6.8	1.6	1.1	.5	4.7	.5
1979	6.7	1.3	1.0	.3	4.9	.5

SHEEP AND LAMBS: INVENTORY NUMBERS, LAMB CROP AND DISPOSITION, MASSACHUSETTS 1969-1978 1/

SHEEP AND LAMBS: INVENTORY NUMBERS, LAMB CROP AND DISPOSITION, MASSACHUSETTS 1969-1978 1/						
YEAR	ON HAND JAN. 1 ALL SHEEP AND LAMBS	LAMB CROP	MARKETING 2/		FARM SLAUGHTER SHEEP AND LAMBS 3/	DEATHS SHEEP & LAMBS
			SHEEP	LAMBS		
1,000 Head						
1969	9.8	6.8	2.6	3.9	.2	1.3
1970	8.6	6.2	1.6	3.2	.1	1.3
1971	8.2	6.2	1.5	2.8	.3	1.1
1972	7.8	5.6	1.3	2.9	.2	1.1
1973	7.5	5.3	1.4	2.7	.4	1.1
1974	6.9	5.2	.5	2.4	.2	1.1
1975	7.0	5.5	1.2	2.6	.4	1.1
1976	7.2	5.6	1.5	3.3	.3	1.0
1977	6.7	5.7	1.1*	3.1*	.4	1.0
1978	6.8	5.3	1.0	2.9	.5	1.0

* Revised

1/ Balance sheep estimates; the sum of inventory January 1, 1978, lamb crop and inshipments is equal to the sum of marketings, farm slaughter, deaths and inventory January 1, 1979.

2/ Includes custom slaughter for use on farms where produced, state outshipments, but excludes interfarm sales within the state.

3/ Excludes custom slaughter for farmers at commercial establishments.

SHEEP AND LAMBS: PRODUCTION AND INCOME, MASSACHUSETTS, 1969-1978

SHEEP AND LAMBS: PRODUCTION AND INCOME, MASSACHUSETTS, 1969-1978							
YEAR	PRODUCTION	MARKETINGS	PRICE PER		CASH RECEIPTS	VALUE OF	GROSS
	<u>1/</u>	<u>2/</u>	100 Lbs.				
			SHEEP	LAMBS		CONSUMPTION	
	1,000 Pounds		Dollars			1,000 Dollars	
1969	430	570	6.90	25.20	96	6	102
1970	391	454	8.40	26.00	80	3	89
1971	440	443	10.00	25.50	91	9	100
1972	382	397	12.00	32.50	98	7	105
1973	366	395	14.00	41.00	112	21	133
1974	349	318	17.00	37.00	91	10	101
1975	378	302	26.00	68.00	150	35	185
1976	325	336	28.00	72.00	182	35	203
1977	365*	290*	29.00	72.00	149*	46	195*
1978	340	264	38.00	84.00	159	67	226

* Revised

1/ Adjustments made for numbers shipped in and changes in inventory.

2/ Excludes interfarm sales within the state and custom slaughter for use on farms where produced.

3/ Includes receipts from marketings and from sales of farm slaughtered meat.

WOOL: FARM PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

YEAR	SHEEP SHORN	WEIGHT PER FLEECE	SHORN WOOL PRODUCTION	PRICE PER POUND	VALUE
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1969	9.3	6.9	64	42	27
1970	7.9	7.2	57	41	23
1971	7.7	6.9	53	31	16
1972	7.2	7.2	52	34	18
1973	6.9	7.2	50	71	36
1974	6.6	7.4	49	62	30
1975	6.4	7.2	46	31	14
1976	6.7	6.9	46	60	28
1977	6.2	7.1	44	78	34
1978	6.3	6.9	43	74	32

CHICKENS: NUMBER, VALUE, AND CLASSES OF CHICKENS ON FARMS, DECEMBER 1, MASS., 1969-1978

YEAR	ALL CHICKENS 1,000 Head	VALUE		HENS AND PULLETS OF LAYING AGE		OTHER CHICKENS
		PER HEAD Dollars	TOTAL 1,000 Dollars	HENS	PULLETS 1,000 Head	
1969	3,038	1.75	5,317	911	1,380	747
1970	2,852	1.90	5,419	884	1,415	553
1971	2,769	1.85	5,171	886	1,313	570
1972	2,279	1.40	4,280	729	1,069	481
1973	2,240	2.00	4,480	896	807	537
1974	2,237	2.10	4,698	772	939	526
1975	2,091	2.35	4,914	725	786	580
1976	1,870	2.40	4,488	593	782	495
1977	1,990*	2.05	4,080*	465*	1,005*	520*
1978	1,580	2.05	3,239	550	620	410

* Revised

CHICKENS: PRODUCTION, DISPOSITION, CASH RECEIPTS, AND GROSS INCOME, MASS., 1969-1978

YEAR	NUMBER OF BIRDS			LIVEWEIGHT			PRICE PER LB.	CASH RECEIPTS	VALUE OF CHICKENS CONSUMED	GROSS INCOME
	PRODUCED 2/ 1,000	CONSUMED 3/ 1,000	SOLD	PRODUCED 2/ 1,000 Pounds	CONSUMED 3/ 1,000 Pounds	SOLD				
1969	1,660	23	1,583	9,797	108	9,498	10.0	950	11	961
1970	1,352	18	1,520	8,102	85	8,816	9.6	846	8	854
1971	1,628	13	1,672	8,869	61	9,196	8.5	782	5	787
1972	1,902	12	1,628	10,089	55	8,791	9.5	835	5	840
1973	1,730	12	1,830	8,944	55	9,699	15.4	1,494	8	1,502
1974	1,870	12	1,697	10,831	55	10,012	10.3	1,031	6	1,037
1975	1,411	11	1,806	7,375	51	9,572	10.3	986	5	991
1976	1,676	11	1,746	8,639	51	9,063	13.3	1,277	7	1,284
1977	1,630*	11	1,499*	9,120*	51	8,245*	11.3	932*	6	938*
1978	1,510	11	1,909	8,484	51	10,500	12.3	1,292	6	1,298

* Revised

1/ Does not include commercial broilers.

2/ Production is the number (or pounds) available for utilization during the year, i.e., sales plus home consumption, plus or minus change in inventory.

3/ Consumed in farm households on farms where produced.

EGGS, NUMBER OF HENS AND PULLETS OF LAYING AGE, RATE OF LAY AND PRODUCTION, MASS., 1969-1978

YEAR	HENS & PULLETS ANNUAL AVERAGE Thousands	RATE OF LAY 1/ Number	EGG PRODUCTION Millions
1969	2,363	222	524
1970	2,370	220	521
1971	2,274	225	512
1972	2,010	232	466
1973	1,721	228	393
1974	1,610	234	376
1975	1,669	241	402
1976	1,430	240	343
1977	1,487*	239*	355*
1978	1,413	241	341

* Revised

1/ Annual rate of lay per layer on hand. (Eggs produced during year divided by average number of layers.)

EGGS: PRODUCTION, PRICE, CASH INCOME AND VALUE, MASSACHUSETTS, 1969-1978

YEAR	EGGS PRODUCED	EGGS SOLD	PRICE PER DOZEN	CASH INCOME FROM SALES	GROSS INCOME
	Millions		Cents	1,000 Dollars	
1969	524	522	53.0	23,055	23,143
1970	521	519	50.9	22,014	22,099
1971	512	511	44.5	18,949	18,986
1972	466	465	42.9	16,624	16,660
1973	393	392	62.9	20,548	20,600
1974	376	375	64.5	20,156	20,210
1975	402	401	66.2	22,122	22,177
1976	343	342	72.1	20,549	20,609
1977	355*	354*	69.9	20,621*	20,679*
1978	341	340	66.2	18,757	18,812

* Revised

TURKEYS: PRODUCTION, PRICE AND VALUE, MASSACHUSETTS, 1969-1978

YEAR	TURKEYS RAISED 1/		NUMBER PRODUCED	POUNDS PRODUCED 3/	PRICE PER POUND 4/	VALUE OF PRODUCTION
	HEAVY	LIGHT				
	1,000			1,000 Pounds	Cents	1,000 Dollars
1969	201	20	220	4,312	34.5	1,488
1970	209	15	2/	4,525	35.5	1,606
1971	173	19		3,840	35.5	1,363
1972	141	29		3,383	36.0	1,218
1973	144	29		3,287	62.0	2,038
1974	139	33		3,268	57.0	1,863
1975	106	19		2,375	58.0	1,378
1976	122	21		2,860	58.0	1,659
1977	110	15		2,600	58.0	1,508
1978	128	18		2,993	68.0	2,035

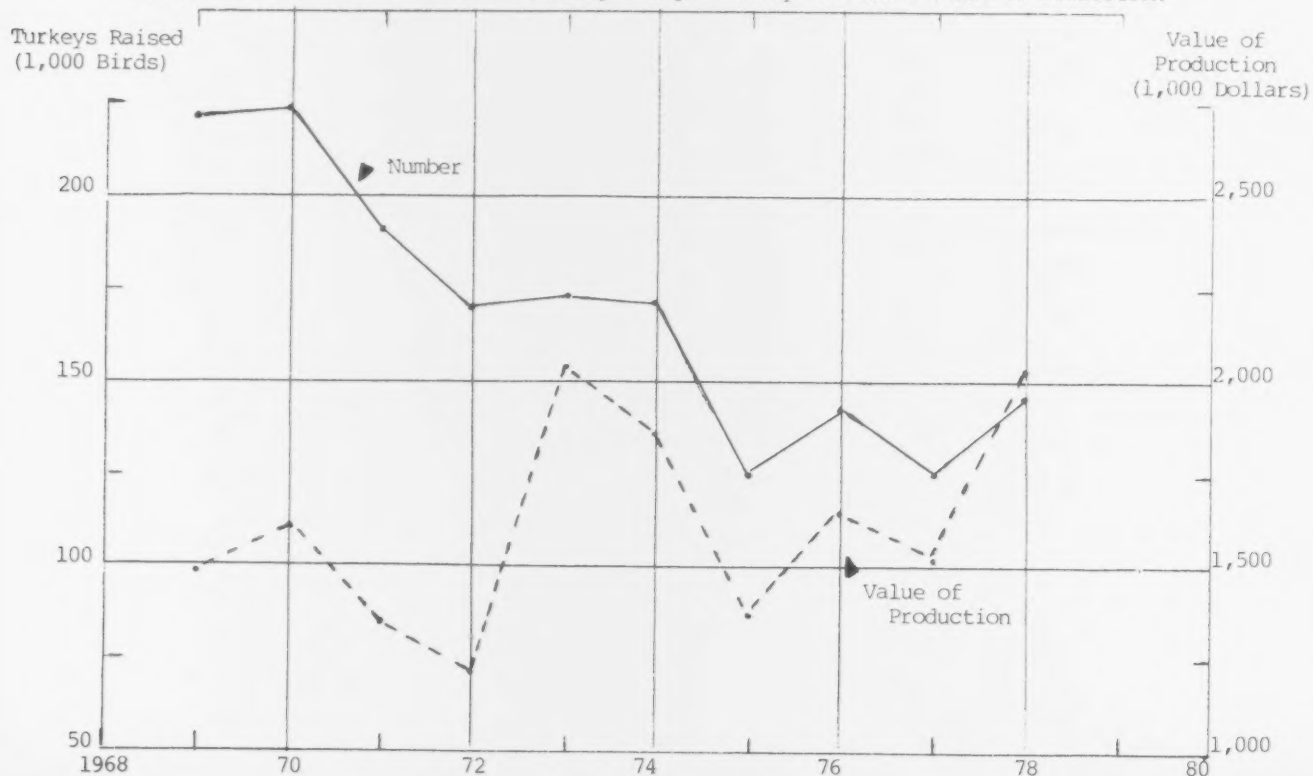
1/ The difference between the sum of the numbers of heavy and light breeds raised and the number produced is accounted for by death loss of mature turkeys.

2/ Discontinued.

3/ Includes home consumption.

4/ Liveweight equivalent price.

MASSACHUSETTS TURKEYS: Number of Heavy & Light Turkeys Raised & Value of Production



BEES, HONEY AND BEESWAX: COLONIES OF BEES, PRODUCTION,
PRICE PER POUND AND VALUE OF PRODUCTION, MASSACHUSETTS, 1969-1978

YEAR	COLONIES OF BEES	HONEY				BEESWAX		
		YIELD PER COLONY	PRODUC- TION	PRICE PER POUND	VALUE OF PRODUCTION	PRODUC- TION	PRICE PER POUND	VALUE OF PRODUCTION
	1,000	Lbs.	1,000 Lbs.	Cents	1,000 Dols.	1,000 Lbs.	Cents	1,000 Dols.
1969	10	32	320	44.8	143	6	56	3
1970	9	24	216	39.2	85	4	75	3
1971	9	25	225	42.2	95	5	80	4
1972	9	19	171	50.0	86	3	75	2
1973	9	26	234	66.8	156	4	90	4
1974	12	16	192	81.2	156	4	110	4
1975	12	27	324	96.9	314	8	110	9
1976	12	19	228	101.0	230	4	110	4
1977	12	22	264	103.0	272	5	150*	8
1978	12	35	420	103.0	433	6	160	10

* Revised

MINK: FEMALES BRED TO PRODUCE KITS AND MINK PELTS
PRODUCED BY COLOR CLASS, MASSACHUSETTS, 1975-1979

COLOR CLASS	FEMALES BRED					PELTS PRODUCED		
	1975	1976	1977	1978	1979	1976	1977	1978
	1,000 Females					1,000 Pelts		
Standard	1.08	1.70	1.50	1/	.69	1/	1/	1.50
Pastel	2.85	2.30	1.80	3.20*	2.60	6.50	8.40*	6.50
Pearl	.99	1/	.64	1/	.80	1/	1/	1/
Violet Type	.69	1/	1/	1/	.69	1/	1/	1/
Demibuff 2/						3.60	4.40	5.40
All Others	.39	2.00	1.06	2.50*	.62	5.90	8.20*	6.60
Total	6.00	6.00	5.00	5.70*	5.40	16.00	21.00*	20.00

1/ Included in All Others to avoid disclosing individual operations.

2/ This color includes "Ranch Wild" types.

* Revised

RANCHES PRODUCING MINK PELTS
IN MASSACHUSETTS, 1971-1978

YEAR	1971	1972	1973	1974	1975	1976	1977	1978
NUMBER OF RANCHES	24	18	18	15	16	9	16*	16

* Revised

FERTILIZER CONSUMPTION: BY KINDS AND OF PRIMARY NUTRIENTS,
MASSACHUSETTS, 1969-1978

YEAR ENDED JUNE 30	KIND OF FERTILIZER				PRIMARY NUTRIENTS		
	MIXED FERTILIZER	PRIMARY NUTRIENTS MATERIALS	SECONDARY & MICRO- NUTRIENTS	TOTAL FERTILIZER	N	AVAILABLE P ₂ O ₅	K ₂ O
	Tons				Tons		
1969	58,554	17,987	139	76,680	8,450	6,594	6,189
1970	52,953	16,580	63	69,596	8,159	6,325	6,071
1971	47,774	23,298	51	71,123	7,727	6,842	5,514
1972	54,997	17,183	54	72,234	8,853	6,295	6,126
1973	59,643	17,045	50	76,738	10,095	7,726	6,899
1974	61,540	15,810	23	77,373	8,999	7,031	7,246
1975	51,814	15,216	36	67,066	7,866*	5,588	6,049
1976	55,548	15,335	150	71,033	8,803	5,984	6,779
1977	53,094	14,882	28	68,004	9,015	5,872	6,607
1978	71,471	14,970	62	86,503	11,501	7,644	8,552

* Revised.

TAXES LEVIED ON FARM REAL ESTATE, MASSACHUSETTS, SELECTED YEARS, 1950-1977*

YEAR	TAX	TAX PER ACRE	TAX/\$100 VALUE	INDEX (1967=100)
	Million Dollars	Dollars	Dollars	
1950	5.6	3.41	1.80	36
1960	6.8	6.38	2.03	71
1968	7.6	10.27	2.15	114
1969	8.2	11.53	2.24	128
1970	8.7	12.83	2.27	142
1971	9.7	14.40	2.31	160
1972	10.1	14.98	2.13	166
1973	11.1	16.50	2.06	183
1974	11.0	16.12	1.72	179
1975	11.5	16.80	1.72	186
1976	12.3	17.94	1.70	199
1977	13.4	19.86	1.79	220

* Source: Economic Research Service, Farm Real Estate, March.

FARMS: NUMBER, AVERAGE SIZE, ACREAGE, MASSACHUSETTS, 1930-1974 1/

YEAR	NUMBER OF FARMS	AVERAGE SIZE Acres	LAND IN FARMS
1930	25,598	78	2,005,461
1935	35,094	63	2,195,714
1940	31,897	61	1,937,963
1945	37,007	56	2,078,349
1950	22,220	75	1,660,389
1954	17,361	83	1,439,080
1959	11,179	102	1,142,341
1964	8,019	113	901,785
1969	5,703	123	700,578
1974	5,127	124	630,752

1/ Source: U.S. Bureau of Census.

FARM PRODUCTION EXPENSES: MASSACHUSETTS, 1968-1977
CURRENT FARM OPERATING EXPENSES

YEAR	FEED	LIVE-STOCK	SEED 1/	FERTILIZER AND LIME	REPAIRS AND OPERATION OF CAPITAL ITEMS 2/	MISCELLANEOUS 3/	HIRED LABOR 4/
Million Dollars							
1968	27.3	4.5	2.9	4.0	12.8	16.1	31.8
1969	27.2	4.7	3.0	3.9	12.8	16.7	32.0
1970	28.9	4.0	3.1	3.6	13.0	17.3	32.0
1971	27.6	3.9	3.2	3.7	13.6	18.4	33.4
1972	25.8	4.2	3.4	3.9	13.2	20.0	33.2
1973	37.2	4.7	4.2	5.6	14.1	20.9	38.8
1974	47.3	3.2	5.5	8.5	17.1	24.4	37.1
1975	45.0*	2.4*	5.4	6.8*	19.6*	27.2*	37.2
1976	45.0*	2.7	6.0*	6.1	21.7*	28.1*	39.6*
1977	41.7	3.3	6.7	5.9	22.9	30.4	45.8

1/ Includes bulbs, plants and trees.

2/ Repairs and maintenance of buildings, repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business.

3/ Includes binding, cotton ginning, Federal crop insurance, containers, dairy supplies, electricity, greenhouse and nursery, grazing fees, harness & saddlery, net insurance premiums (fire, wind and crop hail), irrigation, livestock marketing service (excl. feed and transportation), milk hauling, miscellaneous hardware (incl. blacksmithing), machine hire and custom work, miscellaneous livestock and poultry supplies, pesticides, small hand tools, short term interest, telephones (business share), vet. services and medicines (plus insemin.) and other miscellaneous.

4/ Includes cash wages, perquisites, and (1951 to date) Social Security taxes paid by employers.

* Revised.

FARM PRODUCTION EXPENSES: MASSACHUSETTS, 1968-1977 1/

YEAR	TOTAL CURRENT FARM OPERATING EXPENSES	DEPRE- CIATION 2/	TAXES ON FARM PROPERTY	INTEREST ON FARM MORTGAGE DEBT	NET RENT TO NONFARM LANDLORDS 3/	TOTAL PRODUCTION EXPENSES
Million Dollars						
1968	99.4	17.7	9.3	2.0	- .8	127.5
1969	100.3	18.4	9.9	2.2	-1.0	129.8
1970	102.0	18.7	10.4	2.4	-1.1	132.4
1971	103.8	20.5	11.3	2.6	-1.3	137.0
1972	103.8	21.0	11.7	3.0	-1.3	138.2
1973	125.4	22.2	12.8	3.6	-1.5	162.6
1974	142.9	25.6	12.6	4.5	-1.5	184.1
1975	143.7*	29.6*	13.3	5.8*	-1.2	191.2*
1976	149.1*	31.7*	14.1*	6.5*	-1.8	199.8*
1977	156.7	32.3	14.9	7.5	-1.7	209.7

1/ Source: Economic Research Service, State Supplement, September.

2/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment.

3/ Minus sign reflects a net income position rather than a net expense position.

* Revised.

PRICES PAID BY FARMERS: INDEX NUMBERS, ANNUAL AVERAGE, UNITED STATES
1960-1978, BY YEARS (1967=100)

YEAR	COMMODITIES AND SER., INTEREST TAXES & WAGE RATES	FAMILY LIVING AND PRODUCTION ITEMS	FAMILY LIVING ITEMS	PRO- DUCTION ITEMS	INTEREST PAYABLE PER ACRE	TAXES PAYABLE PER ACRE	WAGE RATES FOR HIRED FARM LABOR 1/
1960	88	91	90	92	45	69	74
1961	88	92	90	93	50	73	76
1962	90	92	91	94	55	77	78
1963	91	94	92	95	62	79	80
1964	92	93	93	94	70	82	82
1965	94	96	95	94	79	87	86
1966	99	99	98	100	90	94	93
1967	100	100	100	100	100	100	100
1968	103	102	104	100	112	110	108
1969	108	106	109	104	125	120	119
1970	112	110	114	108	134	129	128
1971	118	115	118	113	142	136	134
1972	125	122	123	121	156	142	142
1973	144	142	133	146	184	145	155
1974	164	161	151	166	223	154	178
1975	180	177	166	182	262	166	192
1976	192	187	176	193	299	178	210
1977	202	196	181	200	339	195	226
1978	219	212	194	216	396	210	242

1/ Simple average of quarterly indexes seasonally adjusted.

INDEX NUMBERS OF PRICES RECEIVED BY FARMERS, BY COMMODITY GROUPS,
UNITED STATES ANNUAL AVERAGE, 1960-1978
(1967=100)

YEAR	CROPS								LIVESTOCK & PRODUCTS				ALL FARM PROD- UCTS
	FOOD GRAINS	FEED GRAINS AND HAY	TOBACCO	COTTON	OIL BEARING CROPS	FRUIT	COM- MERCIAL VEGE- TABLES	ALL CROPS	DAIRY PROD- UCTS	POULTRY AND EGGS	MEAT ANI- MALS	ALL LIVE- STOCK	
1960	115	87	90	133	77	100	82	99	85	121	88	91	94
1961	118	87	95	137	93	101	79	100	85	111	89	91	94
1962	128	89	96	142	90	95	88	103	83	110	92	92	96
1963	126	95	89	142	94	120	83	106	83	111	86	89	96
1964	107	96	88	137	93	125	88	106	84	108	80	85	93
1965	93	100	92	129	98	106	93	103	85	110	94	94	98
1966	105	104	99	113	109	109	101	106	96	120	105	106	106
1967	100	100	100	100	100	100	100	100	100	100	100	100	100
1968	91	90	102	101	96	134	108	100	105	107	103	104	102
1969	88	96	107	91	93	101	106	97	109	120	119	117	107
1970	92	103	109	96	99	96	103	100	113	112	121	118	110
1971	95	108	113	108	111	108	114	108	117	102	121	118	113
1972	109	101	123	129	122	117	115	114	121	105	148	136	125
1973	215	163	129	144	226	137	134	175	143	176	198	183	179
1974	300	249	148	228	232	141	143	224	166	163	165	165	192
1975	242	232	162	183	197	138	162	201	175	179	169	172	185
1976	202	214	163	265	205	129	161	197	192	178	170	177	186
1977	156	181	175	270	243	163	176	192	193	174	168	175	183
1978	191	184	191	245	226	227	189	204	210	185	226	217	210

MASSACHUSETTS APIARY INSPECTION, 1977 AND 1978 1/

COUNTY	COLONIES EXAMINED		COLONIES OWNED		COLONIES A.F.B.		COLONIES E.F.B.		COLONIES TREATED		COLONIES DESTROYED	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
Barnstable	518	0	518	596	2	---	0	---	2	---	0	---
Berkshire	0	13	168	204	---	0	---	0	---	0	---	0
Bristol	414	336	575	922	5	15	21	22	26	15	0	1
Essex	983	995	1658	1825	13	10	7	0	20	10	0	1
Franklin	0	24	316	402	---	0	---	0	---	0	---	0
Hampden	515	11	950	942	12	0	3	0	3	0	12	0
Hampshire	68	3	120	548	0	0	0	0	0	0	12	0
Middlesex	2945	1963	3310	5035	21	17	55	79	76	17	0	1
Norfolk	754	404	1450	1450	13	21	15	15	27	21	0	1
Plymouth	1986	1479	2068	2068	11	34	6	45	17	34	0	12
Worcester	338	270	829	829	5	14	0	3	5	14	0	0
Suffolk	0	6	---	6	---	0	---	0	---	0	---	0
TOTALS	8521	5504	11962	14827	82	111	107	164	176	111	12	16

1/ Massachusetts Department of Food and Agriculture--Apiary Inspection

MASSACHUSETTS NURSERY AND GREENHOUSE INSPECTION
1973-1978

CATEGORY	1973	1974	1975	1976	1977	1978
Number of nurseries inspected	480	494	413	503	505	367
Acres of nurseries inspected	3,080	3,439	2,894	2,993	3,004	3,121
Number of greenhouses inspected	78	76	80	85	87	89
Sq. feet of greenhouses under glass* (000)	1,810	1,971	2,202	2,272	2,338	2,309

NUMBER OF FAIRS AND ATTENDANCE: MASSACHUSETTS, 1970-1978

YEAR	NUMBER OF FAIRS	ATTENDANCE
1970	131	2,247,387
1971	130	1,895,067
1972	124	2,246,242
1973	121	1,592,995
1974	131	2,646,493
1975	131	2,945,841
1976	134	2,762,597
1977	129	2,954,530
1978	124	2,500,000

The following periodic reports and special bulletins are available upon request to:

New England Crop & Livestock Reporting Service
U.S. Department of Agriculture
P.O. Box 1444
Concord, New Hampshire 03301
(603) 224-9639

Crops

Potatoes - Acres planted, August; Acreage, yield per acre and production, October, November and December.
Potato Stocks - Stocks on hand as of the first of the month, December through April.
Tobacco - Acreage for harvest, July; Production, August through November and January final.
Prospective Plantings - Pre-planting acreage intentions for feed crops, tobacco, April.
Massachusetts Annual Crop Summary - End of season report of acreage, yield, production and value of production, January.
Fruit - Apples - Production estimated as of July 1, August 1 (including variety estimates), October 1 and January final, including variety estimates.
Peaches - June 1 and January final estimate of production
Cranberries - Production, August, October and November.
Maple Syrup - Production, May; Prices received by producers, November.
Sweet Corn - Acreage and Production, in season
Flowers and foliage plants - March.
Vegetables - Annual production, price and value, January.

Livestock and Products

Cattle Inventory and Calf Crop - January 1 cattle inventory, value; calf crop and cattle farms
Hogs and Pigs - Sows farrowed and pigs saved, June and December. December includes inventory and value
Sheep and Lambs - January 1 inventory numbers, lamb crop and values - February
Wool - Sheep shorn, weight per fleece, production, price, value, April.
Livestock Slaughter - Quarterly report on number and weight of livestock slaughtered by kinds, February, May, August and November
Milk and Feed - Number of milk cows, production (quarterly for all New England States except Vermont for which monthly estimates are published). Monthly for all states, milk price and test, hay and feed prices. Annual for all states, herd replacements, and corn, oats and hay acreages and production estimates in season.
Manufactured Dairy Products - Monthly production of manufactured dairy products.
Mink Production - Annual report of number of pelts, females bred and number of mink ranches, July.

Poultry and Eggs

Broiler Chicks - Weekly broiler chicks placed and broiler-type eggs set.
Chicken Inventory - Chickens on farms on December 1, by class and average value of all chickens - January
Poultry Report - Egg production, layer numbers, broiler and egg type chicks hatched, poults hatched, pullet chicks hatched for hatchery supply flocks, monthly
Turkerys - Turkeys raised, August and January
Bees and Honey - Number of colonies, honey production and prices, January

Other Reports

Massachusetts Agricultural Statistics - Annual publication of all crops and livestock
Crop-Weather - Weekly summary of crop and weather conditons, May through September
Farm Income - Annual report of income from marketing of crops and livestock, August.

LIVESTOCK AND POULTRY SUMMARY: January 1, 1979, MASSACHUSETTS

CLASS	Number on Farms 1,000	Value Per Head Dollars	Total Value 1,000 Dols.
All Cattle and Calves	95	560.00	53200
Beef Cows	9	--	--
Milk Cows	46	--	--
Heifers 500 pounds and over		--	--
For beef cow replacements	3	--	--
For milk cow replacements	15	--	--
Other heifers	1	--	--
Steers 500 pounds and over	2	--	--
Bulls 500 pounds and over	2	--	--
Steers, heifers and bulls under 50 pounds	17	--	--
All hogs and pigs (Dec. 1) <u>1</u> /	60	129.08	7745
All sheep and lambs	6.7	31.64	212
All chickens, excluding broilers <u>1</u> /	1,580	2.05	3239
Hens and pullets laying age <u>1</u> /	1,170	--	--
All turkeys <u>2</u> /	146	--	--
Mink <u>3</u> /	5.4	--	--

1/ On farms December 1, 1978

2/ Turkeys raised 1978

3/ Females bred in 1979

CROP SUMMARY 1978

CROP	Prod. Unit	Harv. Acres	Yield Per Acre	Produc- tion 1,000	Aver. Price Per Unit DOLLARS	Value of Production 1,000 Dols.
Corn for Silage	Tons	40,000	16.50	660	22.50	14,850
Tobacco, shade	Pounds	830	1,300.00	1,079	1.10	374
Tobacco, Havana Seed	Pounds	160	1,850.50	296	7.50	8,385
Potatoes	Cwt.	3,600	225.00	810	5.90	4,779
Tomatoes	Cwt.	670	210.00	141	21.80	3,074
Sweet Corn	Cwt.	6,500	88.00	572	7.00	4,004
Apples	42 lb. Units	--	--	2,405	5.88	11,776
Peaches	48 lb. Units	--	--	73	13.92	1,015
Cranberries	Barrel	11,200	104.90	1,175	21.60	20,798
All Hay	Tons	116,000	2.26	262	73.00	19,126
Alfalfa Hay	Tons	26,000	2.60	68		
Other Hay	Tons	90,000	2.15	194		
Maple Syrup	Gals.	--	--	28	14.10	395
Honey	Pounds	--	--	420	1.03	433

26

CASH RECEIPTS FROM FARM MARKETINGS - MASSACHUSETTS - 1976-1978

COMMODITY	1976	1977	1978	1978 % of 1977	COMMODITY	1976	1977	1978	1978 % of 1977
	Million Dollars			Percent		Million Dollars			Percent
Cattle & Calves	8.3	7.4	10.3	139	Cabbage	1.0	.9	1.1	122
Hogs	7.8	5.4	7.5	139	Other Vegetables	12.8	15.8	14.6	92
Sheep & Lambs	.2	.2	.2	100	Cranberries	12.5	15.5	20.8	134
Milk	65.9	65.9	67.4	102	Apples	12.3	12.3	12.8	104
Eggs	20.8	20.2	19.0	94	Strawberries	.8	.9	.7	78
Chickens Excl. Broilers	1.3	.9	1.3	144	Peaches	.8	.7	1.0	143
Turkeys	1.7	1.5	2.0	133	Other Fruits & Berries	1.3	1.2	1.5	125
Other Livestock & Poultry	3.3	3.6	4.5	125	Maple Products	.3	.4	.3	75
TOTAL LIVESTOCK	109.3	105.1	112.2	107	Forest Products	1.0	1.0	1.2	120
Hay	2.3	2.0	2.2	110	Nursery and Greenhouse	45.3	48.1	52.9	110
Tobacco	11.2	10.7	8.8	82	Misc. Crops	.3	.3	.3	100
Potatoes	3.3	4.3	4.6	107	TOTAL CROPS	111.9	120.5	129.9	108
Sweet Corn	4.1	3.8	4.0	105	STATE TOTAL 1/	221.2	225.6	242.1	107
Tomatoes	2.6	2.6	3.1	119					

1/ Difference in total due to rounding. Data reflects estimate as of 1/1/79.

